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ABSTRACT

The 23rd annual report of national normative data on the characteristics of students attending American colleges and universities as first-time, full-time freshmen is presented. This project of the Cooperative Institutional Research Program of the American Council on Education and the Graduate School of Education at the University of California, Los Angeles, assesses the effects of college on students. Information is provided on the American freshman (national norms for fall 1988) and the 1988 national norms (type of institutions and control for men, women, and all freshmen). The major stratifying factors are institutional race, control, type, and the selectivity level of the institution. Survey results include: freshman participation in all major federal financial aid programs continues to decline; the 18-year rise in freshman interest in business majors may have peaked; there is a modest increase in the proportion of students planning to pursue nursing careers; there is rising interest in teaching careers; and 72.6% say concerns about jobs and money are reasons why they attend college. Seven appendices show: research methodology; 1988 student information form; coding scheme for collapsed items; participating institutions; precision of the normative data and their comparisons; sample report furnished to campuses; and some comments on comparing certain survey results from various versions of the norms report. Two summary reports are also attached. Along with 4 tables and 13 figures, the report contains 12 references. (SM)

ED303133

The American Freshman: National Norms For Fall 1988

Alexander W. Astin
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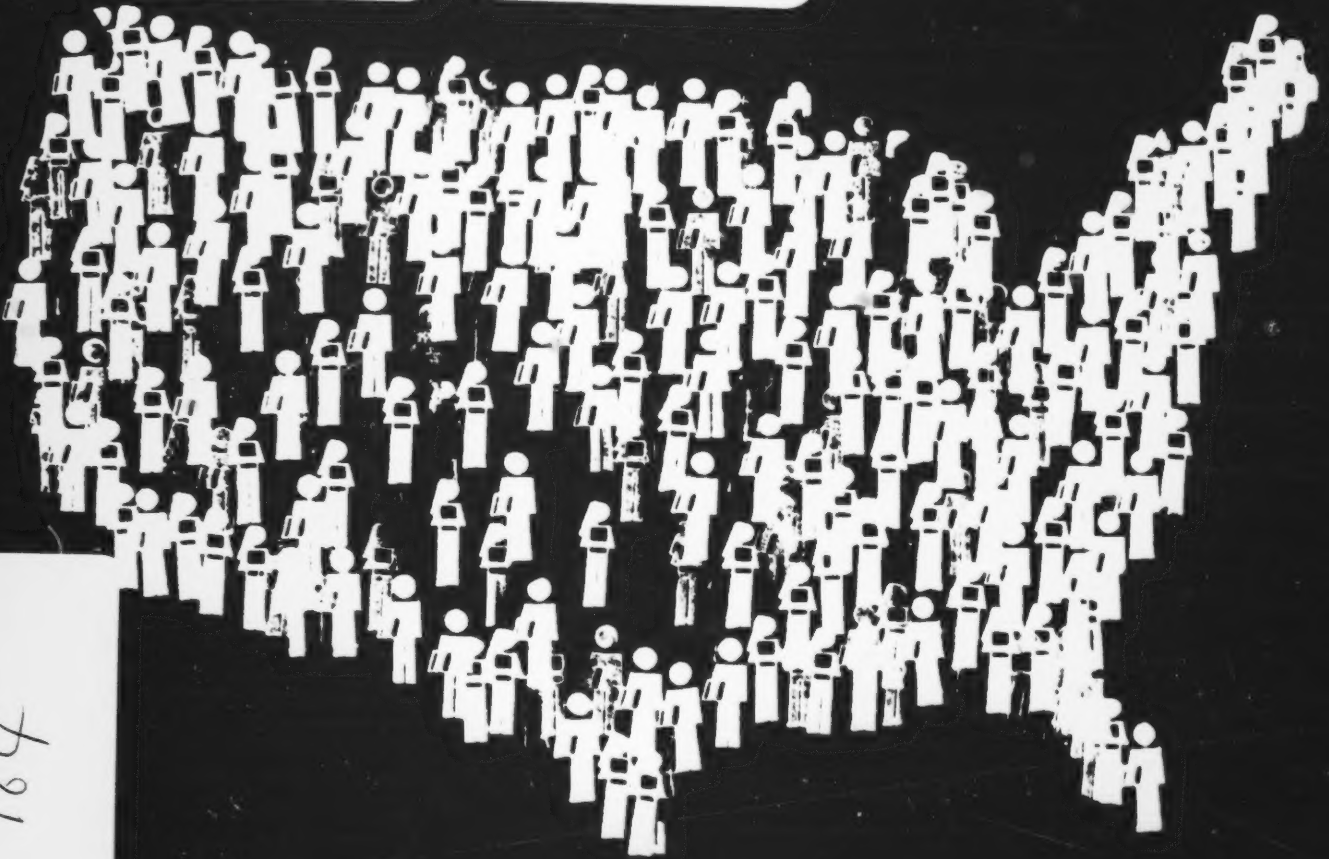

HE 022 164

Cooperative Institutional Research Program
American Council on Education • University of California Los Angeles

The American Freshman

National Norms for Fall 1988

Prepared by the Staff of the
Cooperative Institutional Research Program

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The Higher Education Research Institute
Graduate School of Education
University of California, Los Angeles

December 1988

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM

The Cooperative Institutional Research Program (CIRP) is a national longitudinal study of the American higher education system. Established in 1966 at the American Council on Education, the CIRP is now the nation's largest and longest empirical study of higher education, involving data on some 1,300 institutions, over 8 million students, and more than 100,000 faculty. To maximize the use of these data in research and training, the CIRP was transferred to the Graduate School of Education at UCLA in 1973. The annual CIRP freshman and follow-up surveys are now administered by the Higher Education Research Institute at the University of California, Los Angeles, under the continuing sponsorship of the American Council on Education.

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The American Freshman

National Norms for Fall 1988

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The American Freshman

National Norms for Fall 1988

The American Freshman National Norms for Fall 1988[1]

This is the twenty-third annual report of national normative data on the characteristics of students attending American colleges and universities as first-time, full-time freshmen. This series, initiated in Fall 1966, is a project of the Cooperative Institutional Research Program (CIRP), a continuing longitudinal study of the American higher education system sponsored by the American Council on Education (ACE) and the Graduate School of Education at the University of California, Los Angeles

The principal purpose of the CIRP is to assess the effects of college on students (see Astin, *et. al.*, 1966). During the past 23 years the CIRP has generated an array of normative, substantive, and methodological research about a wide range of issues in American higher education.

The freshman data reported here have been weighted to provide a normative profile of the American freshman population for individuals engaged in policy analysis, human resource planning, campus administration, educational research, and guidance and counseling. The data are also useful to the general community of current and future college students, their parents, and to college faculty.

The survey instrument, the *Student Information Form* (see Appendix B), is revised annually to reflect the changing concerns of the academic community and others who use this information. The freshman survey data also provide initial input information for longitudinal research. Follow-up surveys of individual students in each entering freshman cohort are conducted at various intervals after the initial survey. In recent years longitudinal follow-up studies of CIRP students have been used in major studies of drop-outs (Astin, 1975), campus protest (Astin, Astin, Bayer, & Bisconti, 1975), education and work (Bisconti and Solmon, 1976), campus change (Astin, 1976), student development (Astin, 1977, 1986), and minority participation in higher education (Astin, 1982). For the results of the most recent follow-up study see Astin, Korn and Green, 1987.

The normative data presented here are reported separately for men and for women, and for 35 different groupings of institutions. The major stratifying factors are institutional race (predominantly black versus predominantly white), control (public, private-nonsectarian, Roman Catholic, Protestant), type (university, four-year college, two-year college), and the "selectivity level" of the institution. (A complete discussion of the CIRP survey methodology and stratification scheme is presented in Appendix A.)

An Overview of the 1988 Freshman Norms

The 1988 CIRP Freshman norms are based on the responses of 222,296 students at 402 of the nation's two- and four-year colleges and universities. These data have been statistically adjusted to reflect the responses of the 1.6 million first-time, full-time students entering college as freshmen in Fall 1988. The sections that follow summarize major trends in the survey through Fall 1988.

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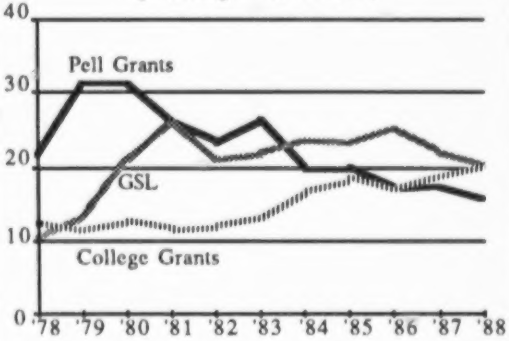
[1] The 1988 CIRP Freshman Survey was supported in part by a grant from the Ford Foundation.

Student Aid

The 1988 survey results indicate that freshman participation in all major federal financial aid programs continues to decline. This past fall, only 15.6 percent of the entering students received Pell Grants, the lowest level in the history of the survey. Between 1980 and 1988, the proportion of entering freshmen receiving Pell Grants, the Federal government's major aid program for low- and middle-income students, declined by more than half (from 31.5 percent to 15.6 percent).

The declining participation in the Pell Grant program among college freshmen has been accompanied by falling participation in other federal aid programs. Freshman reliance on Supplemental Educational Opportunity Grants (SEOGs) and College Work-Study funds also reached all-time lows in 1988. This past fall only 3.7 percent of the freshmen reported receiving SEOG support, down from 5.8 percent last year and off by more than half from the 8.0 percent level recorded in 1980. At the same time, freshman participation in the Work-Study program has dropped by more than half in the past eight years, to 6.6 percent in 1988 from 14.5 percent in 1980 (and compared to 9.8 percent in 1987).

Figure 1
Freshman Participation in Student Aid Programs
(percentages, 1978-1988)



As federal assistance has declined, students are relying more on family contributions, savings, loans, and institutional grants. This past year an all-time high of 78.2 percent of the freshmen were dependent on family support for college costs, up from 76.5 percent in 1987 and 68.8 percent in 1980. Similarly, college grants and scholarships also reached an all-time high in 1988, at 20.0 percent of the entering freshmen, compared to only 12.8 percent in 1980.

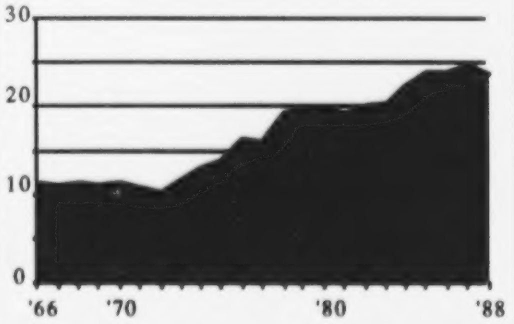
Even federal loan programs, which had begun to replace grants as a major source of aid for a growing number of students in recent years, have also shown declines. Freshman dependence on Federally-Guaranteed Student Loans (GSLs), which rose steadily between 1980 and 1986, fell for the second straight year. Between 1980 and 1986, the proportion of freshmen receiving GSL's was up by nearly one-fifth, from 20.9 percent to 25.4 percent. However, participation in the GSL program has fallen in the past two years, to 22.2 percent in 1987 and to 20.1 percent this past fall. Concurrently, fewer freshmen also report receiving National Direct Student Loan (NDSL) support. This past year NDSL support dropped to an all-time low of 2.4 percent, compared to 4.5 percent in 1987 and 9.1 percent in 1980.

These trends suggest that the burden of paying for college is increasingly falling on students, their families, and their colleges. Since 1980, the federal government has dismantled most of the financial aid programs intended to assist college students from middle-income families. Consequently, the eligibility requirements for most forms of federal student aid have simply not kept pace with rising college costs and with the inflationary increases in family incomes. The dramatic increase in institutional aid, confirmed by other studies (for example, Green, 1988), suggests that a growing share of the financial aid responsibility for low- and middle-income families is being passed from the federal government to the nation's colleges and universities.

Business Careers

The 18-year rise in freshman interest in business majors and careers may have peaked, after almost two decades of steady gains. In 1988, 23.6 percent of the entering freshmen planned to pursue careers in business, down from 24.6 percent in 1987 and 24.1 percent in 1986 (Figure 2). The 1988 numbers, however, are still well above the levels recorded in 1980 (at 19.7 percent) and far ahead of the level of interest in business careers shown in 1972 (10.5 percent).

Figure 2
Freshman Interest in Business Careers
(percentages, 1966-1988)



Nursing Careers

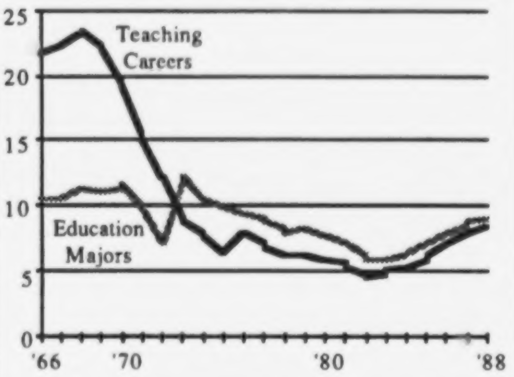
After several years of continuing decline, the 1988 survey points to a modest increase in the proportion of students planning to pursue nursing careers. This past fall, 4.4 percent of the freshman women expressed interest in nursing careers, up from 4.0 percent in 1987, but well-below the 8.4 percent recorded in 1983. This year's increase may mark the beginning of some change in the pipeline in nursing, as more women respond to the better job opportunities and improved salaries created by the widely publicized nursing crisis. However, one year of improvement does not mark an end to the pipeline problem, as nursing will continue to compete with other careers, including medicine, business, and teaching, for the career interests of college-bound women.

Teaching Careers and Education Majors

The 1988 survey reveals rising student interest in teaching careers, continuing a trend begun in 1983. This past year, 8.8 percent of the students entering college planned to pursue careers as elementary or secondary school teachers, up from 8.1 percent last year and the low point of 4.7 percent in 1982. Yet despite the increased freshman interest in teaching careers, the current level of student interest in teaching still falls far short of the projected demand and is well below the all-time high recorded in 1968 when 23.5 percent of the entering freshmen (and 37.5 percent of the freshman women) planned to pursue teaching careers. (Figure 3.)

The rising interest in teaching in recent years also masks some important trends regarding which students plan teaching careers and at what levels and in which fields. Twenty years ago, education majors accounted for just less

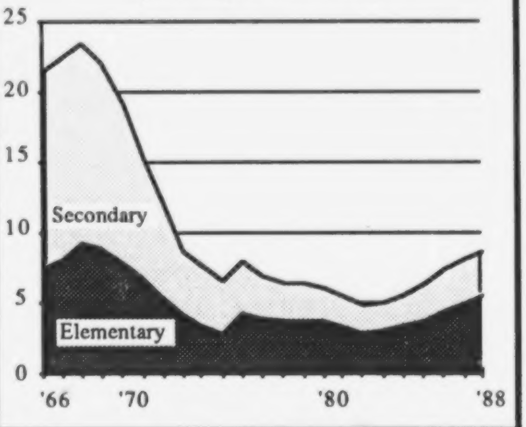
Figure 3
Freshman Interest in Education Careers
(percentages, 1966-1988)



than half (only 48 percent) of the pool of aspiring teachers; the majority of aspiring teachers were students who planned liberal arts majors, often in English, science, or mathematics (Figure 3). In Fall 1988, however, virtually all the aspiring teachers are education majors; the survey data reveal virtually no interest in teaching careers among students pursuing liberal arts majors.

Additionally, there is far less interest in secondary school teaching in 1988 than was the case in the late 1960s (Figure 4). In 1968, 14.4 percent of the entering freshmen planned careers as secondary school teachers, compared to just 3.2 percent in 1988. Although the 1988 figure for secondary school teachers is well ahead of the low of 1.7 percent recorded in 1982, it is still more than three-quarters below the 1968 level.

Figure 4
Freshman Interest in Teaching Careers, by Level
(percentages, 1966-1988)



Science Majors and Technology Careers

Interest in science majors, falling steadily over the past two decades, declined again this past year. In 1988, only 15.3 percent of the entering freshmen planned science majors (biological sciences, physical sciences, mathematics, or engineering), compared to 15.4 percent in 1987, 18.1 percent in 1980, and 21.3 percent in 1966 (Figure 5).

Yet technology careers, in steady decline since 1983, did not drop again in 1988 (Figure 7). Freshman interest in engineering careers increased just slightly, to 8.6 percent, up from 8.5 percent in 1987, but still well below the peak of 12.0 percent recorded in 1982. Similarly, interest in computing (as programmers or systems analysts), in sharp decline since 1983, was unchanged from the 1987 level of 2.7 percent (compared to 8.8 percent in 1982). Although the 1988 data suggest an end to the five-year decline in student interest in technology careers, it is too early to determine if this reflects a real turnaround or just a leveling off of the recent downward trend.

Figure 5
Freshman Interest in Science Majors
(percentages)

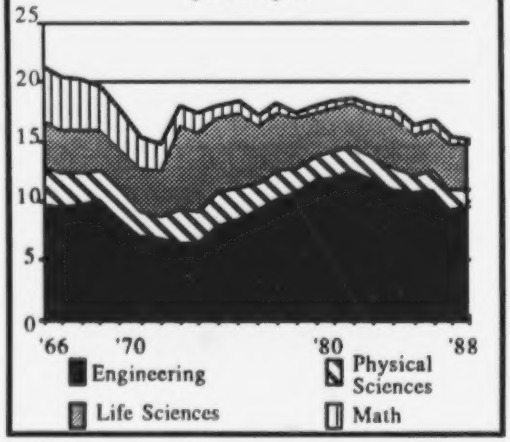
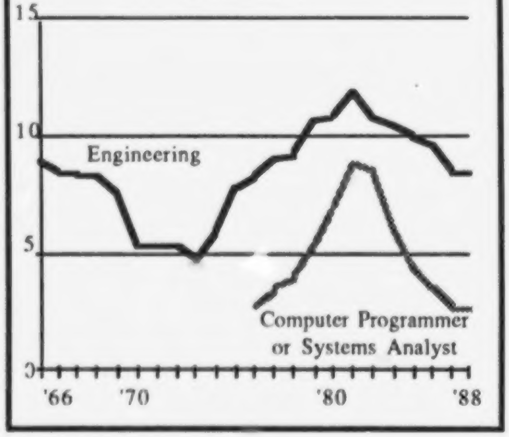


Figure 6
Freshman Interest in Technology Careers
(percentages)

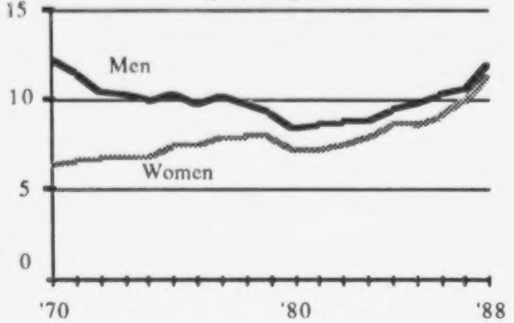


Degree Aspirations

Degree aspirations, rising in recent years, again hit all-time highs in 1988. The proportion of freshmen interested in obtaining a doctoral degree rose to 11.7 percent in 1988, up from 10.4 percent in 1987, 7.9 percent in 1980, and 9.7 percent in 1970. Freshman aspirations for the masters degree also peaked in 1988, at 36.3 percent, up from 34.3 percent in 1987, 29.7 percent in 1980, and 31.2 percent in 1970. Interest in law degrees also peaked this past year at 5.0 percent, up from 4.2 percent in 1987, 3.6 percent in 1985, 4.3 percent in 1980, and 3.5 percent in 1970.

Although these gains are notable, they mask the even more dramatic rise in degree aspirations among women over the past 20 years. Between 1970 and 1988, the proportion of freshman women planning to earn a doctorate increased by two-thirds (from 6.5 percent to 11.4 percent); this compares with an ebb-and flow-pattern among men, beginning at 12.3 percent in 1970, falling to 8.5 percent in 1980, and rising again to 12.1 percent in 1988 (Figure 7).

Figure 7
Doctoral Degree Aspirations, By Sex
(percentages)



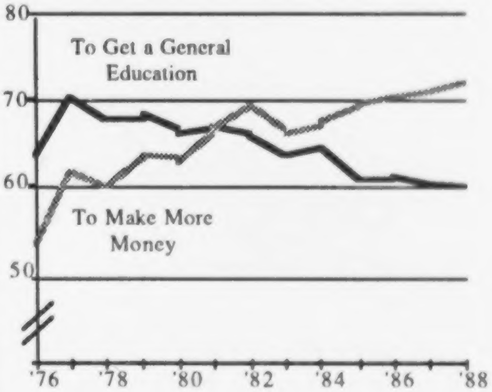
The rise in degree aspirations may suggest that a growing proportion of students feel that the bachelor's degree will not be an adequate credential in the job market of the next decade and into the next century. The survey data suggest that more students are thinking about advanced degrees even when they first enter college.

Reasons for Attending College

The concern about jobs and money is also reflected in the reasons students provide for attending college. A record 72.6 percent indicated that "making more money" was a very important factor in their decision to attend college, up from 71.3 percent in 1987, 63.4 percent in 1980, and 49.9 percent in 1971. In contrast, going to college "to gain a general education" fell again in 1988 to 60.1 percent, from 60.7 percent in 1987, 66.7 percent in 1980, and a peak of 70.9 percent in 1977.

These data, coupled with rising degree aspirations and the increased freshman interest in business careers in the past decade, point to a growing student interest in financial security and job opportunities. Students today, more than ever before, seem preoccupied with developing their careers rather than using the college years as a time for learning and personal development.

Figure 8
Reasons for Attending College
(percentage indicating "very important")



College Admissions

The 1988 survey points to increased competition for admission into college. The proportion of freshmen applying to three or more colleges reached an all-time high of 37.1 percent in 1988, compared to 33.2 percent in 1987, 26.5 percent in 1980, and 14.9 percent in 1968. Additionally, the proportion of students applying to five or more colleges rose by more four-fifths between 1980 and 1988 (from 6.9 percent in 1980 to 12.7 percent this past fall), and is up by a factor of almost 4 from the level recorded in 1969, when only 3.2 percent of the entering students applied to five or more colleges (Figure 9).

Although freshmen are applying to more colleges than in the past, fewer students are enrolling in their first-choice institutions. Only two-thirds (67.9 percent) of the 1988 freshmen are attending their first-choice college, a record low in the history of the survey. The 1988 numbers compare to 70.3 percent in 1987, 75.8 percent in 1980, and 75.6 percent in 1974, the first year this item appeared on the survey (Figure 10).

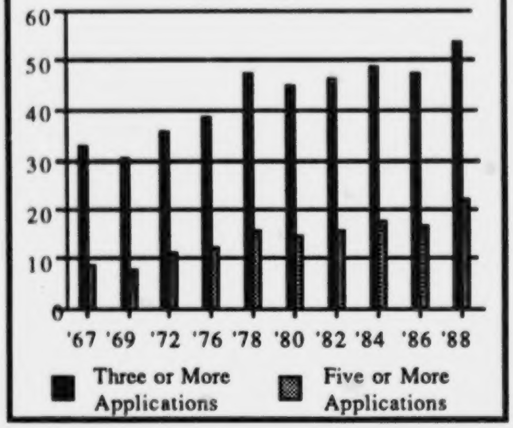


Figure 9
Trends in College Applications, Selected Years
(percentages)

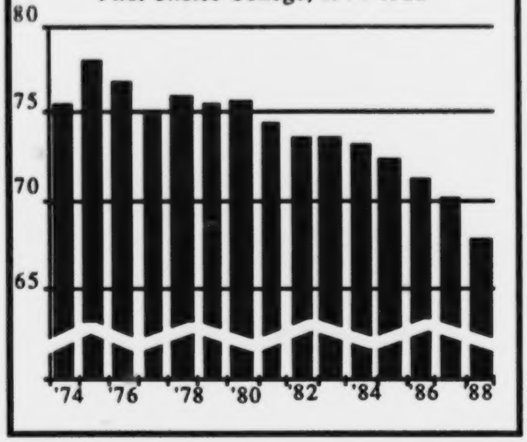


Figure 10
Percentage of Freshmen Attending Their First Choice College, 1974-1988

These findings about applications and college choice indicate that students are experiencing more difficulty gaining entrance to their most preferred college. The competition — as reflected in the growing numbers of students who file multiple applications — suggests several things: increased competition for admission, greater interest in more selective colleges, and increased family efforts to obtain the more favorable financial aid packages from colleges.

Smoking, Drinking, and Stress

After years of steady decline, cigarette smoking seems on the rise among the 1988 freshmen. This past fall 10.1 percent of the entering freshmen reported that they frequently smoked cigarettes, up from the record low of 8.9 percent recorded in 1987. Indeed, cigarette smoking had been declining steadily since 1966, when 16.6 percent of the freshmen indicated they were frequent smokers.

Although freshmen are smoking more, they may be drinking less. This past fall only two-thirds of the freshmen (65.3 percent) indicated that they frequently or occasionally drank beer, down from 75.2 percent in 1981. This decline may reflect recent increases of the drinking age to 21 in many states; it may also reflect the success of alcohol education programs in high schools and the efforts of groups such as Mothers Against Drunk Driving (MADD) to curb teenage drinking.

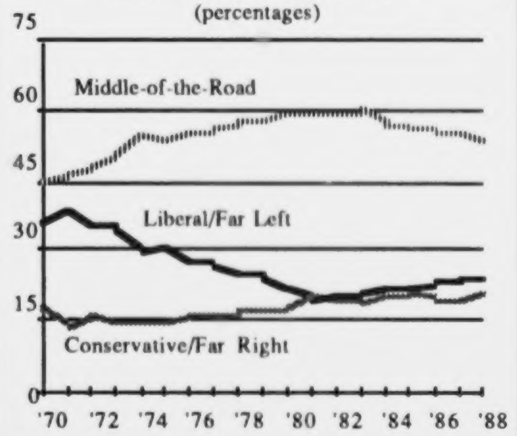
The 1988 survey suggests some decline in the overall emotional health of college freshmen. A record number of freshmen report frequently "feeling depressed" in the past year (10.5 percent, up from 8.3 percent in 1987 and 8.2 percent in 1985), and "feeling overwhelmed by all I have to do" (21.5 percent last fall, compared to 16.4 percent in 1987 and 16.0 percent in 1985). These changes are accompanied by a decline in the proportion of freshmen who feel they are above average in their emotional health when compared to their peers (56.1 percent in 1988, compared to 56.8 percent in 1987 and 60.3 percent in 1985).

Taken together, various items from the 1988 survey point to rising stress among college freshmen. The increase in smoking, coupled with the rising numbers of students feeling depressed, feeling overwhelmed, and the decline in self-assessed emotional health, are all indicators of rising stress. Several factors, ranging from student concern about paying for college, the increased competition for admission into selective institutions, and the decline in the proportion of students attending their first choice institution, are likely contributors to the rising stress levels among students.

Political and Social Attitudes

The survey reveals some change in self-assessed political identification among 1988 freshmen. One-fourth (24.3 percent) identify their political views as "liberal" or "far left", virtually unchanged from 1987 (at 24.5 percent), slightly ahead of the levels recorded in 1980 (at 21.8 percent), but well below the peak of 38.1 percent recorded in 1971 (Figure 11). However, the proportion of students who identify their political views as "conservative" or "far right" reached an all-time high in 1988, at 21.8 percent, up from 19.6 percent in 1987, 18.3 percent in 1980, and a low of 14.5 percent in 1973. The middle-of-the-road group, which had been increasing during the 1970s and peaked at three-fifths (60.3 percent) of the freshmen in 1983, has been declining in recent years; it now stands at 53.9 percent, reflecting the modest but steady increases among both the liberal and conservative positions.

Figure 11
Trends in Political Preferences
(percentages)



Yet the generally moderate political orientation of most freshmen masks strong student support for many traditionally liberal positions on political and social issues. For example:

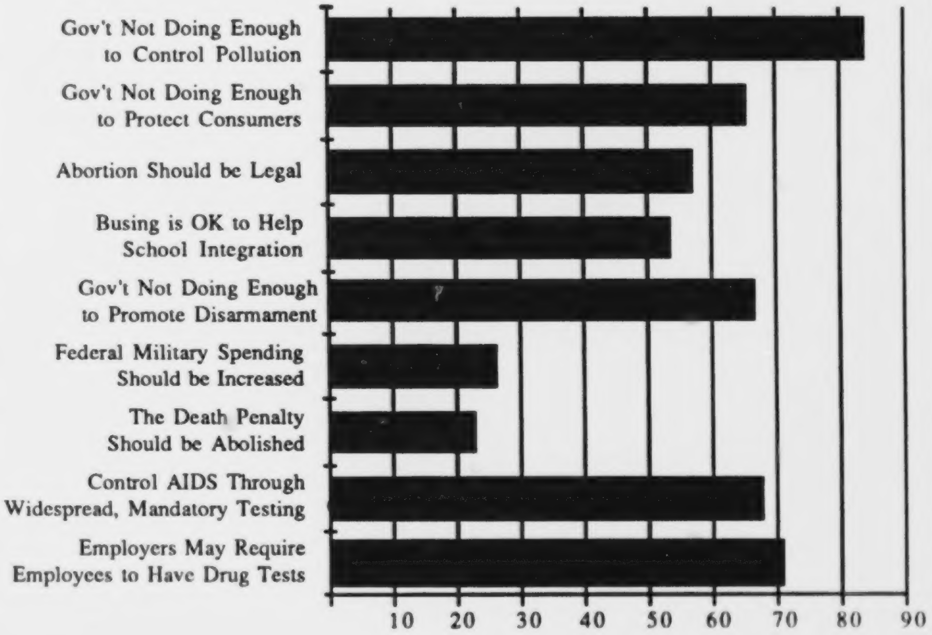
- over four-fifths (83.9 percent) of the freshmen agree that "the federal government is not doing enough to control environmental pollution";
- two-thirds (65.4 percent) agree that the "federal government is not doing enough to protect the consumer from faulty goods and services";
- more than half (57.0 percent) agree that abortion should be legal;
- a majority (53.7 percent) agree that busing is "OK if it helps to achieve racial balance in the schools";
- two-thirds (66.7 percent) agree that the "government is doing not enough to promote disarmament;" and
- three-fourths (73.7 percent) oppose increased defense spending (Figure 12).

Although some of these items show slightly lower support in 1988 than in the past, the level of freshman endorsement nonetheless remains quite high.

Still, students have become increasingly conservative on selected issues in recent years. Opposition to the death penalty reached an all-time low in 1988, at 23.0 percent, down from 23.8 percent in 1987, and 32.6 percent in 1978. Similarly, an all-time high of 69.1 percent of the freshmen agree that "there is too much concern in the courts for the rights of criminals," up from 68.3 percent in 1987, 65.9 percent in 1980, and 48.1 percent in 1971. Finally, less than one-fifth of the 1988 freshmen agree that marijuana should be legal, unchanged from 1987 but well below the peak of 52.9 percent posted in the 1977 survey.

Two new questions introduced this past year indicate that freshmen strongly support AIDS and drug testing. Two-thirds (67.7 percent) of the 1988 freshmen agree that "the best way to control AIDS is through widespread, mandatory testing." And a slightly larger proportion (71.0 percent) agree that "employers should be allowed to require drug testing of employees or job applicants." The overwhelming freshman support for conservative positions on these issues stands in stark contrast to the generally strong support for traditionally liberal positions on other social issues.

Figure 12: Freshman Attitudes on Political and Social Issues, Fall 1988
(percentage who "agree somewhat" or "agree strongly")



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The 1988 Freshman Norms

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High school															
1988	93.6	87.3	95.9	97.9	93.1	86.8	92.1	95.6	96.4	95.5	97.7	97.8	98.4	91.5	95.7
1987	2.7	4.6	2.2	1.2	3.6	4.6	4.4	2.2	2.1	2.5	1.3	1.3	1.1	4.0	2.8
1986	0.8	1.5	0.6	0.3	1.4	1.5	1.2	0.7	0.4	0.5	0.3	0.3	0.2	1.9	0.7
1985 or earlier	1.7	3.6	1.0	0.4	1.3	3.9	1.3	1.1	0.8	1.2	0.5	0.5	0.3	1.7	0.7
H.S. equivalency (G.E.D. test)	1.1	2.9	0.3	0.1	0.5	3.1	0.9	0.3	0.2	0.3	0.1	0.1	0.0	0.7	0.1
never completed high school	0.1	0.2	0.1	0.0	0.1	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1
Age on December 31, 1988															
16 or younger	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.1
17	2.1	2.3	1.8	2.4	3.8	2.4	1.2	1.7	2.5	1.6	1.7	2.2	3.1	2.6	5.9
18	70.1	65.2	70.8	75.0	67.6	65.6	61.7	71.1	71.7	66.4	74.1	74.8	75.5	63.3	74.7
19	22.4	21.6	24.1	21.0	23.1	20.6	29.6	23.8	22.9	28.2	22.1	21.2	20.1	26.9	16.7
20	2.3	3.8	1.9	0.9	3.2	3.7	4.8	1.9	1.7	2.2	1.4	1.0	0.7	4.3	1.5
21-24	2.0	4.2	1.0	0.5	1.7	4.5	1.9	1.2	0.8	1.0	0.5	0.5	0.4	2.2	0.8
25-29	0.5	1.3	0.2	0.1	0.4	1.4	0.4	0.2	0.2	0.2	0.0	0.1	0.1	0.5	0.1
30-39	0.4	1.0	0.1	0.0	0.1	1.1	0.3	0.1	0.1	0.3	0.1	0.0	0.0	0.1	0.1
40-54	0.1	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Racial Background (1)(2)															
White/Caucasian	84.7	85.6	83.2	85.9	1.1	85.6	85.7	82.2	80.9	87.0	89.4	86.3	84.5	1.6	0.4
Black/Negro/Afro-American	8.0	5.9	12.5	4.3	97.7	5.3	10.3	14.1	13.0	9.7	3.9	4.5	3.7	97.2	98.5
American Indian	0.8	0.7	0.9	0.8	0.9	0.7	1.2	1.0	0.9	1.0	0.4	0.8	0.6	0.7	1.3
Asian-American/Oriental	3.2	2.1	1.9	6.4	0.2	2.2	1.5	1.5	3.6	1.4	2.0	5.9	8.2	0.3	0.2
Mexican-American/Chicano	1.5	1.6	1.2	2.0	0.1	1.7	0.3	1.3	0.6	0.8	3.0	2.1	1.6	0.1	0.1
Puerto Rican-American	1.2	2.3	0.6	0.6	0.3	2.5	0.4	0.5	0.8	0.5	0.8	0.5	0.9	0.1	0.4
other	2.2	3.1	1.6	2.0	1.3	3.2	2.4	1.2	2.4	1.6	2.1	1.8	2.9	1.1	1.5
Average High School Grade															
A or A+	9.8	3.6	9.2	17.9	1.3	3.8	1.9	8.6	10.8	9.6	8.3	16.0	24.6	0.4	2.7
A-	11.3	5.8	11.2	18.0	3.0	6.0	3.7	9.5	13.9	13.7	11.1	17.2	20.7	1.3	5.8
B+	16.6	13.6	16.4	20.5	7.7	14.3	8.1	14.7	18.0	17.8	21.2	20.4	20.8	5.1	12.2
B	23.5	25.0	23.3	22.0	17.1	25.6	20.0	22.7	23.3	23.1	27.6	23.0	18.3	14.2	22.1
B-	15.9	18.8	16.2	12.0	17.3	19.0	17.2	17.2	14.9	15.0	15.1	12.9	9.0	16.5	18.5
C+	13.5	18.4	14.4	6.4	28.5	17.8	22.7	16.5	11.1	13.1	10.4	7.0	4.3	31.0	24.3
C	8.9	13.8	9.0	3.1	23.5	12.7	23.6	10.3	7.7	7.4	6.1	3.3	2.2	29.3	13.9
D	0.5	1.1	0.4	0.1	1.5	0.9	2.7	0.5	0.4	0.4	0.2	0.1	0.1	2.2	0.5
Have Met or Exceeded Recommended Years of Study in (3)															
English (4 years)	94.5	92.4	94.0	97.8	94.8	92.2	93.6	92.0	97.3	94.9	97.6	97.6	98.4	93.7	96.7
mathematics (3 years)	92.9	88.4	93.2	97.9	85.7	88.3	90.1	91.3	96.5	94.4	95.3	97.6	98.7	80.6	94.2
foreign language (2 years)	76.6	70.4	73.2	88.5	58.2	71.5	61.6	66.0	85.7	75.9	86.0	86.5	95.3	47.0	76.5
physical science (2 years)	56.1	49.7	54.6	65.8	40.2	50.2	45.2	51.4	61.8	56.4	55.0	65.0	68.5	40.0	40.7
biological science (2 years)	32.8	29.4	34.1	35.1	30.4	29.3	30.0	33.9	33.0	37.6	32.4	35.2	34.5	29.0	32.7
history/American gov't (1 year)	99.1	98.8	99.2	99.5	98.8	98.8	98.4	99.1	99.2	99.2	99.3	99.5	99.6	99.0	98.5
computer science (1/2 year)	63.2	61.2	63.8	64.6	53.0	62.1	53.6	63.7	64.7	61.1	66.4	64.2	66.2	47.1	62.1
art or music (1 year)	62.3	64.9	60.7	61.3	68.5	65.5	59.4	58.7	64.9	64.4	57.3	61.5	60.7	69.0	67.5

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	3.0	4.6	2.7	1.7	9.7	4.7	3.6	3.0	1.9	2.6	2.2	1.8	1.5	12.8	5.2
$6,000 - $9,999	2.3	2.8	2.4	1.5	6.4	2.9	2.4	2.6	1.8	2.7	1.7	1.6	1.2	6.8	5.8
$10,000 - $14,999	4.1	5.3	4.0	3.0	7.1	5.3	5.4	4.1	3.5	4.2	3.8	3.2	2.2	7.8	6.2
$15,000 - $19,999	4.8	5.7	4.9	3.6	8.2	5.7	5.8	5.3	4.1	5.2	4.1	3.9	2.7	8.3	8.2
$20,000 - $24,999	6.4	7.5	6.5	5.0	9.1	7.5	8.0	6.9	5.2	7.0	6.1	5.4	3.8	9.6	8.3
$25,000 - $29,999	6.7	8.1	6.6	5.5	8.3	8.2	7.6	6.8	5.8	7.1	6.4	5.9	4.0	9.1	7.2
$30,000 - $34,999	9.0	10.8	8.8	7.4	8.8	11.1	8.0	9.4	7.5	8.9	8.1	7.9	5.9	9.3	8.0
$35,000 - $39,999	9.2	10.5	8.9	8.1	7.5	10.7	9.4	9.4	7.8	8.5	9.1	8.7	6.1	7.4	7.7
$40,000 - $49,999	12.9	13.2	13.2	12.3	10.5	13.4	11.7	14.3	11.3	11.7	12.7	13.1	9.5	11.0	9.8
$50,000 - $59,999	12.2	11.7	12.4	12.5	6.7	12.0	10.0	13.1	11.7	11.4	11.2	12.9	11.2	5.5	8.5
$60,000 - 74,999	11.3	8.6	11.8	13.6	8.5	8.4	10.0	12.0	12.2	10.4	11.6	13.7	13.1	6.6	11.4
$75,000 - 99,999	7.8	5.8	7.7	10.2	4.3	5.5	7.7	6.8	9.9	7.8	8.6	9.6	12.3	2.9	6.2
$100,000 - 149,999	5.4	3.1	5.3	8.2	2.5	2.8	5.2	3.7	8.3	6.2	7.0	7.1	12.0	1.3	4.3
$150,000 or more	4.7	2.1	4.8	7.4	2.3	1.7	5.3	2.5	9.0	6.4	7.4	5.5	14.4	1.8	3.1
Status of Parents															
living with each other	75.2	74.5	74.5	76.8	47.0	74.9	71.4	74.1	73.2	76.1	78.6	76.3	78.8	45.9	48.7
divorced or separated	20.1	20.0	20.7	19.3	42.2	19.6	23.2	21.1	21.9	19.4	17.2	19.9	17.3	42.7	41.4
one or both deceased	4.8	5.5	4.8	3.8	10.8	5.5	5.4	4.9	4.9	4.5	4.1	3.8	3.9	11.4	9.9
Number of Older Brothers															
none	54.5	52.3	54.5	57.2	50.3	52.5	49.9	53.6	56.3	57.1	50.6	57.2	57.6	46.6	56.4
one	29.8	31.1	29.6	28.7	27.9	31.1	31.2	29.9	29.8	28.1	29.1	28.7	28.7	28.9	26.3
two	9.9	10.1	10.0	9.4	9.3	10.0	11.6	10.0	9.2	9.8	12.7	9.5	9.3	8.9	10.0
three or more	5.8	6.5	6.0	4.6	12.5	6.4	7.3	6.5	4.7	5.0	7.6	4.7	4.4	15.7	7.3
Number of Older Sisters															
none	55.3	52.1	55.8	58.4	51.5	52.4	49.4	55.4	57.6	57.5	50.6	58.6	57.8	49.2	55.1
one	29.8	31.6	29.2	28.7	28.1	31.5	32.2	29.2	29.0	29.0	30.4	28.6	29.1	28.4	27.6
two	9.5	9.8	9.7	8.8	11.1	9.6	11.6	9.7	8.9	9.3	12.1	8.8	9.0	11.7	10.1
three or more	5.3	6.5	5.3	4.1	9.3	6.5	6.7	5.7	4.4	4.2	6.9	4.1	4.1	10.7	7.1
Number of Younger Brothers															
none	57.1	55.1	57.3	59.0	56.8	55.0	55.5	57.0	59.2	57.3	54.3	59.3	57.7	55.6	58.5
one	32.6	33.0	32.7	32.0	29.6	32.9	34.1	32.7	31.8	33.2	33.9	31.9	32.4	28.9	30.8
two	7.8	8.4	7.7	7.2	9.4	8.4	8.5	7.8	7.1	7.5	9.0	7.0	7.9	10.1	8.3
three or more	2.6	3.5	2.3	1.9	4.2	3.7	1.9	2.5	1.8	2.0	2.7	1.8	2.0	5.4	2.4
Number of Younger Sisters															
none	57.2	55.0	57.7	59.1	54.0	54.7	57.5	57.3	59.7	57.0	55.6	59.6	57.7	50.5	59.4
one	34.0	35.1	33.9	33.0	33.0	35.2	34.1	34.2	32.9	34.1	33.8	32.7	34.1	35.4	29.3
two	6.9	7.7	6.6	6.3	9.5	7.8	6.4	6.6	5.9	6.9	8.1	6.2	6.6	10.1	8.4
three or more	1.9	2.3	1.9	1.5	3.5	2.3	2.0	1.9	1.5	2.1	2.4	1.5	1.7	3.9	2.9
Twin Status															
no	98.2	98.2	98.2	98.2	97.9	98.2	98.5	98.2	98.3	98.1	97.8	98.2	98.4	98.1	97.5
yes - identical	0.7	0.8	0.7	0.6	0.5	0.8	0.6	0.7	0.7	0.6	0.8	0.7	0.6	0.1	1.1
yes - fraternal	1.1	1.0	1.1	1.1	1.6	1.0	0.9	1.1	1.0	1.2	1.4	1.2	1.0	1.8	1.4

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
attended a religious service....	78.3	76.5	81.0	76.7	87.9	76.0	80.4	80.8	76.2	86.2	86.8	75.9	79.7	85.3	92.0
cheated on a test in school.....	38.7	38.2	39.5	38.2	37.1	37.7	42.2	40.4	37.0	37.3	43.8	39.3	34.3	34.7	40.9
copied homework from other stdnt	58.8	56.9	60.0	59.6	57.2	56.6	59.4	61.0	57.4	58.5	62.2	60.6	56.0	56.5	58.2
did extra class work/reading (4)	9.0	7.2	9.2	10.6	13.2	7.2	7.8	8.6	10.8	9.7	8.3	10.1	12.3	11.8	15.3
didn't complete homework on time	73.0	72.4	74.7	71.5	75.9	71.5	79.6	74.7	75.3	75.5	72.0	71.8	70.4	75.5	76.7
discussed politics (4)..........	22.0	15.0	23.5	28.1	21.7	14.9	15.7	20.6	28.0	28.3	23.7	26.0	35.7	18.2	27.1
discussed religion (4)..........	18.3	13.8	20.7	20.2	24.4	13.5	16.8	18.2	22.2	27.8	21.5	18.4	26.4	21.5	29.0
discussed sex (4)...............	35.3	32.2	37.4	35.9	42.7	31.8	35.4	38.4	38.1	33.0	36.2	35.9	35.8	38.6	49.2
discussed sports (4)............	58.8	54.3	62.1	59.4	65.8	53.3	62.8	63.8	54.7	64.7	65.9	59.7	58.6	65.4	66.6
drank beer......................	72.1	72.5	70.9	73.3	50.7	72.6	71.8	71.9	71.2	62.1	78.7	73.1	73.9	49.8	52.1
drank wine or liquor............	63.5	60.8	63.6	66.6	41.4	60.7	61.7	64.0	65.1	56.6	69.2	66.1	68.2	37.9	46.9
felt depressed (4)..............	7.4	7.3	7.6	7.2	10.1	7.3	7.4	7.5	7.9	7.9	7.4	7.2	7.4	10.3	9.8
felt overwhelmed (4)............	14.9	12.7	15.8	16.1	16.4	12.3	15.7	15.3	16.2	17.1	15.5	15.9	16.9	16.6	16.1
participated in demonstrations..	32.4	31.7	34.9	29.7	45.7	31.0	37.2	35.9	33.2	33.8	33.7	30.2	27.8	46.7	44.2
smoked cigarettes (4)...........	8.2	11.1	7.2	6.1	3.9	11.1	11.3	7.5	7.9	5.4	6.3	6.2	5.9	4.8	2.5
spoke other language at home (4)	6.7	7.5	4.9	8.3	3.6	7.5	7.3	3.8	7.3	4.5	7.2	7.5	11.0	3.7	3.4
stayed up all night.............	80.9	80.3	81.1	81.2	82.5	80.0	83.1	81.2	82.2	79.2	81.0	81.5	80.0	81.1	84.6
studied with other students.....	85.9	81.3	87.4	89.2	88.1	80.9	84.8	87.1	87.5	89.1	87.1	88.9	90.2	87.2	89.6
tutored another student.........	44.7	34.8	45.3	55.4	45.6	35.4	30.2	43.5	49.4	46.3	44.6	53.9	60.5	40.7	53.4
used a personal computer (4)....	30.1	25.2	30.1	35.8	25.6	25.6	21.7	29.2	33.5	29.8	28.3	34.7	39.7	22.3	30.9
was a guest in teacher's home...	30.1	26.3	33.2	30.0	30.9	25.3	35.1	32.0	34.0	38.9	29.9	28.9	33.8	30.9	30.9
was bored in class..............	93.3	89.1	94.9	95.8	90.0	88.7	92.0	95.0	94.8	95.0	95.2	95.9	95.7	88.9	91.8
won varsity letter in sports....	55.2	45.0	62.2	57.3	58.2	43.1	61.0	62.4	58.5	65.5	66.0	56.9	58.8	59.1	56.9
worked in political campaign....	8.7	5.7	9.8	10.7	11.6	5.6	6.7	9.0	10.6	11.8	10.3	9.9	13.5	9.3	15.4
Racial Comp. of High School															
completely white................	16.6	17.0	17.7	14.6	1.8	17.2	15.8	19.6	13.2	18.1	15.3	15.1	13.0	1.1	3.0
mostly white....................	60.9	59.8	59.1	64.7	29.5	59.7	60.1	56.2	63.4	59.1	68.2	63.6	68.8	28.5	31.2
half white......................	15.8	16.4	15.7	15.4	29.9	16.1	18.4	16.3	15.1	16.2	11.5	16.0	13.3	32.4	25.8
mostly non-white................	4.9	4.7	5.5	4.5	23.7	4.7	4.1	5.8	5.9	4.6	4.2	4.5	4.1	24.0	23.1
completely non-white............	1.7	2.2	2.1	0.8	15.1	2.3	1.6	2.1	2.4	2.0	0.9	0.7	0.8	14.0	16.9
Racial Comp. of Neighborhood															
completely white................	40.7	43.5	40.6	37.5	2.9	43.6	42.8	42.5	35.0	42.2	39.5	38.1	35.4	3.0	2.8
mostly white....................	43.9	41.4	41.8	49.8	15.0	41.5	40.5	39.4	46.3	42.4	47.0	49.3	51.7	13.9	16.8
half white......................	6.3	6.3	6.3	6.1	14.6	6.2	7.0	6.2	6.9	5.8	6.5	6.0	6.6	15.0	14.1
mostly non-white................	5.5	4.8	6.8	4.5	37.7	4.8	5.4	7.1	7.3	6.1	4.8	4.5	4.4	37.5	38.2
completely non-white............	3.6	4.0	4.4	2.1	29.7	3.9	4.4	4.9	4.5	3.6	2.3	2.1	2.0	30.6	28.1
Number of Honors Courses Taken in High School															
none............................	50.0	65.3	49.3	33.7	60.0	64.8	69.6	53.5	40.1	47.4	48.4	36.5	24.1	67.9	47.4
one.............................	12.3	11.5	13.3	11.8	15.9	11.3	13.0	12.8	13.7	13.4	15.8	11.9	11.4	16.0	15.9
two or more.....................	37.7	23.2	37.4	54.5	24.0	23.9	17.4	33.7	46.2	39.2	35.7	51.6	64.5	16.2	36.7
Number of Advanced Placement Courses Taken in HS															
none............................	59.0	73.3	59.0	43.7	65.2	73.1	75.3	62.9	50.2	56.3	60.2	46.5	34.0	68.2	60.2
one.............................	17.8	14.4	18.4	20.7	18.3	14.4	13.9	16.9	21.0	19.7	19.6	20.7	20.5	17.6	19.7
two or more.....................	23.2	12.4	22.6	35.6	16.5	12.5	10.8	20.2	28.8	24.0	20.1	32.7	45.4	14.3	20.1

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Student Rated Self Above Average or Highest 10% in															
academic ability	60.9	42.7	61.5	81.3	42.3	43.7	34.3	58.4	67.9	64.0	62.3	80.5	84.3	32.2	58.3
artistic ability	27.3	25.2	26.7	30.4	25.7	25.0	26.9	25.2	32.2	25.8	24.0	30.2	31.1	24.0	28.4
competitiveness	67.8	59.8	70.1	73.9	64.5	59.5	62.9	70.6	67.5	71.0	71.9	73.5	75.2	61.5	69.3
drive to achieve	66.7	57.5	68.6	74.7	70.3	57.2	60.4	67.4	70.4	70.5	69.4	73.4	79.1	66.8	75.8
emotional health	63.3	57.1	65.5	67.6	67.0	56.9	58.5	64.9	66.1	66.4	66.7	67.1	69.4	64.3	71.3
learn foreign languages	27.7	19.8	27.2	37.6	24.3	20.3	16.3	25.2	31.3	28.3	28.2	36.2	42.5	19.9	31.3
leadership ability	57.5	49.1	60.2	63.5	60.9	49.0	49.9	59.1	61.9	62.9	59.2	62.5	66.8	58.1	65.4
mathematical ability	49.6	38.3	48.3	64.5	28.3	39.0	32.7	47.0	52.5	47.7	46.8	63.7	67.3	21.0	39.7
physical health	70.3	65.1	72.3	73.4	70.2	64.6	69.3	72.3	71.2	73.2	74.1	73.6	72.7	68.6	72.8
popularity	51.3	45.4	53.2	55.4	54.3	45.1	48.5	54.2	51.2	52.3	53.5	55.1	56.6	52.1	57.7
popularity with opposite sex	49.1	44.4	51.3	51.5	59.4	43.9	48.5	52.1	49.7	50.4	51.1	51.5	51.5	60.5	57.7
public speaking ability	32.3	23.8	34.1	39.5	34.0	23.8	23.7	32.1	36.9	38.1	33.6	37.9	45.1	30.0	40.4
self-confidence (intellectual)	59.1	48.4	60.6	69.4	66.9	48.5	47.5	58.9	64.4	62.2	58.8	68.2	73.8	63.6	72.2
self-confidence (social)	49.5	44.1	51.4	53.0	60.1	43.5	48.4	51.3	52.0	50.8	51.7	52.7	54.1	57.7	63.9
writing ability	39.5	28.3	40.7	51.0	38.3	28.5	26.6	37.8	46.3	43.1	42.2	49.2	57.4	33.8	45.3
Prior Credit at This Institution															
no	96.8	96.4	97.1	96.9	94.3	96.3	97.3	97.2	96.6	97.3	97.0	96.9	97.0	94.9	93.2
yes	3.2	3.6	2.9	3.1	5.7	3.7	2.7	2.8	3.4	2.7	3.0	3.1	3.0	5.1	6.8
This College is Student's															
first choice	67.5	69.5	65.6	67.8	47.1	70.2	63.4	64.3	66.8	68.1	66.9	68.1	66.5	41.7	56.1
second choice	22.5	20.4	24.1	22.8	34.7	19.9	24.6	25.6	21.5	22.0	23.8	22.8	22.8	37.3	30.5
third choice	6.3	5.5	7.0	6.2	13.9	5.3	7.7	7.0	7.3	6.9	5.9	6.1	6.8	16.0	10.4
less than third choice	3.7	4.6	3.4	3.2	4.3	4.6	4.3	3.1	4.3	3.0	3.4	3.0	3.8	5.0	3.0
Number of Other Colleges Applied to for Admission This Year															
none	29.7	42.4	24.0	22.9	16.3	44.1	27.9	27.5	18.0	23.2	15.8	26.6	10.0	18.2	13.3
one	13.8	14.7	13.6	13.1	11.9	14.6	15.0	15.0	10.7	12.9	13.3	14.5	8.3	12.5	10.8
two	16.5	15.9	17.6	15.7	18.8	15.7	18.0	18.9	14.6	17.4	16.7	16.7	12.2	19.9	16.9
three	15.9	13.1	18.1	16.1	22.4	12.3	19.8	17.9	17.6	18.5	20.5	16.0	16.6	21.8	23.4
four	10.1	7.4	11.5	11.5	16.8	7.0	10.6	10.3	13.4	11.8	14.2	10.3	15.9	16.8	16.7
five	6.2	3.2	7.0	8.5	7.1	3.0	5.4	5.2	10.3	7.7	9.8	7.0	13.6	5.7	9.5
six or more	7.7	3.3	8.3	12.2	6.8	3.3	3.3	5.3	15.3	8.5	9.6	9.0	23.4	5.1	9.5
Number of Other College Acceptances This Year (5)															
none	15.7	26.8	12.5	9.6	12.3	27.9	18.6	14.2	10.5	10.3	11.0	10.9	5.8	15.5	7.2
one	26.5	30.3	25.4	24.4	21.7	30.2	31.5	27.6	22.1	23.7	22.9	26.8	17.5	24.2	17.7
two	24.4	23.5	25.3	24.1	27.8	23.2	26.0	25.8	24.2	25.3	24.9	24.7	22.3	28.3	26.9
three	17.3	12.2	19.0	19.8	21.1	11.8	15.1	18.0	20.2	20.5	20.6	18.8	22.4	18.8	24.9
four	8.7	4.4	9.7	11.3	9.5	4.3	5.2	8.1	11.7	11.1	11.5	10.0	14.9	7.8	12.3
five	3.7	1.6	4.0	5.4	3.5	1.6	1.9	2.9	5.8	4.8	5.0	4.5	7.9	2.1	5.8
six or more	3.7	1.2	4.1	5.5	4.0	1.1	1.8	3.4	5.5	4.3	4.1	4.2	9.2	3.3	5.2
Student Native English Speaker?															
yes	94.6	93.3	96.4	93.6	97.9	93.1	94.8	97.2	94.6	97.1	94.9	94.1	92.0	97.6	98.3
no	5.4	6.7	3.6	6.4	2.1	6.9	5.2	2.8	5.4	2.9	5.1	5.9	8.0	2.4	1.7

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR SPENT ON															
None															
studying or doing homework	2.3	2.8	2.1	1.8	0.6	2.8	3.3	2.5	1.7	1.7	1.5	2.0	1.1	0.4	0.9
socializing with friends	0.3	0.3	0.3	0.2	0.5	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.5	0.5
talking w/teacher outside class	9.4	11.7	8.2	8.5	7.7	11.9	10.1	9.5	7.0	6.0	6.4	9.3	5.7	7.6	7.8
exercising or sports	2.6	3.4	2.5	2.0	3.4	3.4	3.0	2.6	2.6	2.4	1.5	2.0	2.0	3.4	3.3
partying	10.9	11.6	11.1	9.9	9.4	11.6	11.1	10.5	11.1	14.8	8.1	10.0	9.7	9.5	9.2
working (for pay)	24.3	18.9	25.5	28.7	22.3	18.8	20.1	22.1	30.8	30.6	25.7	26.4	36.7	18.4	27.8
volunteer work	57.5	60.2	56.0	56.6	58.0	60.4	58.5	57.8	55.5	52.0	51.9	58.5	50.3	57.3	59.0
student clubs and groups	38.1	47.6	36.1	30.0	36.0	47.9	45.4	40.0	30.9	30.2	34.5	32.5	21.6	40.1	29.9
watching TV	4.7	4.4	4.7	5.1	3.3	4.3	5.9	4.2	6.2	4.8	4.5	4.8	6.2	3.5	3.0
hobbies	7.7	7.5	7.9	7.8	10.1	7.3	8.9	7.9	7.8	8.1	8.0	7.8	7.7	10.7	9.4
Six or More Hours															
studying or doing homework	36.9	30.9	36.9	43.8	40.5	31.1	29.6	32.4	44.7	40.5	41.2	40.8	54.3	34.1	49.7
socializing with friends	79.4	76.8	80.3	81.1	70.1	76.4	79.9	79.6	81.7	80.0	81.6	80.7	82.8	66.8	74.9
talking w/teacher outside class	8.3	8.9	9.0	6.6	14.9	8.8	10.0	8.4	10.2	9.0	9.9	6.2	8.1	15.3	14.3
exercising or sports	60.2	56.6	62.8	60.6	54.2	55.6	64.5	62.3	60.6	65.6	67.3	60.3	61.7	53.8	54.8
partying	37.6	38.3	37.3	37.2	36.4	37.6	43.2	38.1	36.6	31.4	44.4	37.4	36.5	36.0	37.0
working (for pay)	62.9	69.8	61.1	57.8	61.1	70.1	67.2	64.6	56.3	54.1	61.9	60.4	48.7	60.9	61.3
volunteer work	4.8	5.3	4.7	4.3	7.1	5.3	5.1	4.2	5.7	4.7	5.7	3.8	5.9	7.6	6.3
student clubs and groups	11.4	9.4	11.6	13.4	12.8	9.5	8.9	10.1	14.3	12.5	13.1	11.9	18.9	10.4	16.3
watching TV	36.4	36.5	37.7	34.5	46.2	36.5	36.5	38.8	35.2	37.8	36.9	35.0	32.6	45.2	47.7
hobbies	33.5	34.1	34.7	31.4	38.8	33.7	37.0	35.1	35.8	32.9	31.8	31.5	30.8	40.1	36.9
Sixteen or More Hours															
studying or doing homework	5.7	3.6	5.7	8.1	8.0	3.7	3.1	4.3	9.2	5.9	5.9	6.7	12.8	5.9	11.1
socializing with friends	37.6	36.5	38.7	37.1	36.2	36.1	39.9	38.0	40.7	36.9	41.6	37.0	37.5	35.1	37.9
talking w/teacher outside class	1.7	1.6	2.0	1.3	3.7	1.5	2.8	1.9	2.2	1.8	2.1	1.2	1.5	4.2	2.9
exercising or sports	23.4	21.9	25.8	21.9	22.7	21.1	27.8	25.9	23.0	27.8	29.0	21.6	22.7	22.6	22.8
partying	10.6	12.2	10.3	9.2	11.0	12.0	13.8	10.7	10.1	8.1	11.9	9.5	8.4	11.7	9.9
working (for pay)	41.6	48.1	40.3	36.2	41.3	48.3	46.2	43.7	36.6	32.6	40.4	38.7	27.7	41.6	40.9
volunteer work	1.3	1.6	1.2	1.2	2.4	1.6	1.5	0.9	1.7	1.2	1.8	1.1	1.5	2.6	2.1
student clubs and groups	2.7	2.4	2.8	3.1	4.2	2.4	1.8	2.4	3.4	2.9	3.0	2.8	4.4	4.5	3.8
watching TV	8.7	9.1	9.2	7.4	17.9	9.0	9.7	9.7	8.2	9.3	8.5	7.7	6.6	17.8	18.1
hobbies	9.0	9.7	9.5	7.5	15.1	9.5	10.9	9.7	9.7	8.6	8.5	7.6	7.2	16.3	13.2
Disabilities															
none	83.4	79.2	84.4	87.1	77.2	78.7	83.1	83.5	85.4	84.7	87.7	86.9	87.6	73.4	83.4
hearing	0.9	1.1	1.0	0.7	0.7	1.0	1.4	1.0	0.8	1.3	0.8	0.7	0.7	0.6	0.8
speech	0.4	0.4	0.4	0.3	0.6	0.3	0.8	0.3	0.4	0.5	0.3	0.3	0.3	0.8	0.3
orthopedic	0.9	1.0	0.9	0.7	0.5	0.9	1.6	1.0	0.9	1.0	0.9	0.7	0.8	0.6	0.3
learning disability	1.4	1.7	1.6	0.8	1.2	1.4	4.7	1.2	2.9	1.7	1.3	0.7	1.2	1.6	0.7
health-related	1.0	1.2	1.0	0.9	1.2	1.2	1.0	0.9	1.0	1.3	1.0	0.8	0.9	1.1	1.4
partially sighted or blind	2.1	1.9	2.3	2.0	1.9	1.9	2.2	2.1	2.5	2.8	1.9	1.9	2.2	1.6	2.3
other	1.4	1.4	1.6	1.3	1.4	1.4	2.0	1.5	1.7	1.7	1.5	1.3	1.2	1.3	1.5
U.S. Citizen?															
yes	97.6	96.7	98.3	97.8	99.2	96.7	97.2	99.0	97.1	97.7	98.2	98.2	96.2	99.3	99.0
permanent resident	0.6	1.0	0.3	0.6	0.2	1.1	0.3	0.2	0.4	0.3	0.6	0.6	0.7	0.2	0.2
no	1.7	2.2	1.4	1.6	0.7	2.2	2.5	0.8	2.5	2.0	1.2	1.1	3.1	0.6	0.8

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degree Planned Anywhere															
none	1.8	2.7	1.7	0.9	3.7	2.6	2.7	2.0	1.2	1.6	1.6	0.9	0.7	5.1	1.6
vocational certificate	0.4	0.8	0.4	0.1	0.4	0.8	0.6	0.4	0.2	0.5	0.3	0.1	0.1	0.4	0.5
associate (A.A. or equivalent)	3.3	8.4	1.3	0.2	0.6	8.7	5.7	1.9	0.6	0.7	0.9	0.2	0.1	1.0	0.1
bachelor's (B.A., B.S.)	34.0	45.4	32.7	23.4	24.6	45.5	44.3	38.0	25.9	26.0	26.1	25.6	15.8	32.8	13.1
master's (M.A., M.S.)	35.8	29.3	37.7	40.5	37.4	28.9	32.3	36.4	39.9	37.3	41.6	40.9	39.1	34.7	41.0
Ph.D. or Ed.D.	12.1	6.5	13.4	16.5	18.1	6.4	7.0	11.7	16.8	15.8	12.2	15.6	19.6	14.7	22.9
M.D., D.O., D.D.S., D.V.M.	5.5	2.5	5.2	9.3	5.9	2.6	1.9	3.9	6.3	7.9	6.2	8.8	11.1	3.6	9.1
LL.B. or J.D. (law)	5.2	2.4	5.4	7.8	6.5	2.4	2.3	3.8	7.0	7.5	8.8	6.6	12.1	4.4	9.6
B.D. or M.Div. (divinity)	0.5	0.5	0.6	0.3	1.5	0.4	1.0	0.4	0.5	1.3	0.6	0.3	0.3	1.7	1.2
other	1.5	1.7	1.6	1.0	1.2	1.7	2.3	1.6	1.6	1.6	1.6	1.0	1.1	1.6	0.8
Highest Degree Planned at Freshman College															
none	3.6	6.0	3.3	1.5	2.3	6.2	5.1	4.1	1.9	3.0	2.3	1.7	0.8	2.9	1.5
vocational certificate	0.7	1.7	0.4	0.1	0.8	1.7	1.7	0.5	0.3	0.5	0.3	0.1	0.1	1.0	0.7
associate (A.A. or equivalent)	14.1	40.5	3.4	0.9	1.4	39.5	48.3	4.7	1.4	2.6	2.1	0.9	0.8	2.1	0.5
bachelor's (B.A., B.S.)	59.7	39.5	74.1	61.2	70.8	40.4	32.4	70.7	79.3	79.3	71.8	59.9	65.7	61.4	81.6
master's (M.A., M.S.)	15.5	8.2	14.4	24.7	17.5	8.2	8.0	15.4	13.5	10.4	18.2	25.7	21.4	22.7	11.5
Ph.D. or Ed.D.	2.1	1.0	1.4	4.2	2.6	1.0	0.8	1.5	1.4	1.3	1.5	4.4	3.7	3.1	2.0
M.D., D.O., D.D.S., D.V.M.	1.4	0.3	0.5	3.9	1.0	0.3	0.5	0.7	0.4	0.4	0.5	4.1	3.2	1.3	0.7
LL.B. or J.D. (law)	1.2	0.7	0.7	2.5	1.3	0.7	0.4	0.6	0.5	0.9	1.4	2.2	3.3	2.1	0.4
B.D. or M.Div. (divinity)	0.2	0.2	0.4	0.1	0.7	0.1	0.3	0.4	0.5	0.4	0.4	0.1	0.2	1.3	0.1
other	1.4	2.0	1.4	0.8	1.6	1.9	2.5	1.5	1.1	1.3	1.4	0.8	0.7	2.2	1.0
Student's Religious Preference															
Baptist	12.0	10.5	16.3	7.8	59.5	9.1	22.1	19.5	11.7	18.2	3.1	8.4	5.9	64.1	53.1
Buddhist	0.5	0.5	0.4	0.9	0.2	0.5	0.4	0.2	0.7	0.3	0.3	0.9	0.8	0.1	0.4
Congregational	1.2	1.0	1.5	1.0	0.2	0.9	2.0	1.3	2.2	2.0	0.4	1.1	1.0	0.0	0.6
Eastern Orthodox	0.7	0.8	0.5	0.7	0.1	0.8	0.6	0.4	0.8	0.3	0.7	0.7	0.9	0.1	0.1
Episcopal	2.3	1.5	2.7	2.6	2.7	1.3	2.8	2.3	3.7	3.5	1.6	2.4	3.2	2.3	3.3
Islamic	0.4	0.4	0.4	0.5	1.8	0.4	0.4	0.4	0.5	0.3	0.2	0.4	0.7	2.0	1.6
Jewish	3.5	3.1	2.0	6.1	0.1	3.2	2.1	1.4	4.6	0.8	0.6	5.4	8.7	0.0	0.1
LDS (Mormon)	0.3	0.2	0.3	0.3	0.0	0.2	0.2	0.3	0.2	0.2	0.0	0.3	0.3	0.0	0.0
Lutheran	6.2	5.6	6.4	6.6	0.7	5.4	7.4	6.9	3.6	10.1	3.2	7.6	3.1	0.5	1.1
Methodist	8.0	7.8	8.9	6.8	8.7	7.7	8.7	9.8	7.0	11.7	3.2	7.5	4.3	6.6	11.6
Presbyterian	4.5	3.9	4.7	5.1	1.9	3.9	4.1	4.1	5.0	8.0	1.8	5.3	4.2	1.8	2.0
Quaker	0.2	0.2	0.2	0.2	0.2	0.1	0.5	0.2	0.3	0.4	0.2	0.2	0.2	0.3	0.0
Roman Catholic	36.0	43.3	31.3	34.4	7.3	45.0	29.3	31.1	28.4	14.7	72.1	32.1	42.4	7.1	7.7
Seventh-Day Adventist	0.3	0.4	0.3	0.2	1.0	0.4	0.2	0.3	0.3	0.1	0.3	0.2	0.2	1.2	0.8
other Protestant	5.1	5.2	5.6	4.1	1.5	5.4	3.9	4.4	6.5	10.8	2.2	4.3	3.4	1.0	2.2
other religion	4.8	4.6	5.5	4.2	7.6	4.3	6.9	5.1	6.0	8.0	2.2	4.4	3.6	7.7	7.4
none	14.0	11.1	13.1	18.5	6.4	11.4	8.6	12.3	18.5	10.5	8.0	18.9	17.0	5.2	8.0
Student Born-Again Christian?															
no	79.1	80.5	74.1	84.3	56.4	81.9	69.3	73.5	79.3	60.4	89.2	83.4	87.3	55.7	57.6
yes	20.9	19.5	25.9	15.7	43.6	18.1	30.7	26.5	20.7	39.6	10.8	16.6	12.7	44.3	42.4

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Arts and Humanities															
arts	1.8	1.5	2.5	1.3	1.4	1.3	3.0	1.9	5.1	1.1	1.8	1.3	1.1	1.9	0.6
English	1.0	0.4	1.3	1.4	0.7	0.4	0.5	0.7	2.1	2.0	1.5	1.1	2.3	0.3	1.2
history	1.1	0.3	1.7	1.3	0.5	0.3	0.5	1.6	1.8	1.9	1.5	1.0	2.0	0.6	0.3
journalism	1.1	0.5	0.9	2.1	0.8	0.5	0.9	0.8	0.9	1.2	1.3	2.2	1.7	0.8	0.8
language or literature	0.3	0.1	0.3	0.4	0.0	0.1	0.0	0.2	0.4	0.3	0.3	0.4	0.6	0.0	0.1
music	1.1	0.8	1.3	1.1	1.3	0.5	2.6	1.4	1.0	1.6	0.7	1.1	1.4	1.9	0.5
philosophy	0.3	0.1	0.3	0.4	0.1	0.1	0.2	0.1	0.5	0.6	0.3	0.3	0.7	0.0	0.3
speech	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.2
theater or drama	0.5	0.4	0.6	0.6	0.2	0.4	0.4	0.4	0.8	0.8	0.7	0.6	0.8	0.2	0.1
theology or religion	0.2	0.1	0.5	0.1	0.2	0.0	0.6	0.1	0.5	2.0	0.3	0.0	0.2	0.2	0.3
other humanities	0.5	0.5	0.4	0.6	0.2	0.5	0.3	0.3	0.5	0.2	0.6	0.5	0.7	0.3	0.1
Biological Sciences															
general biology	1.8	1.0	2.0	2.5	2.5	1.0	0.6	1.5	2.4	2.8	3.0	2.4	2.9	1.0	4.4
biochemistry or biophysics	0.6	0.3	0.5	1.2	0.3	0.4	0.2	0.4	0.6	0.6	0.7	1.2	1.1	0.4	0.2
botany	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
marine (life) science	0.5	0.4	0.5	0.5	0.3	0.4	0.1	0.6	0.3	0.5	0.6	0.5	0.3	0.4	0.1
microbiology or bacteriology	0.2	0.2	0.1	0.3	0.0	0.3	0.0	0.1	0.1	0.2	0.1	0.4	0.3	0.0	0.1
zoology	0.3	0.3	0.3	0.4	0.4	0.3	0.1	0.3	0.2	0.3	0.2	0.5	0.1	0.5	0.2
other biological sciences	0.6	0.6	0.4	0.7	0.2	0.6	0.6	0.5	0.4	0.4	0.4	0.8	0.4	0.1	0.2
Business															
accounting	5.6	5.4	6.5	4.7	7.2	5.8	2.5	7.1	4.1	5.8	10.1	4.8	4.1	7.4	6.9
business administration	8.4	8.9	8.6	7.4	11.1	8.7	10.9	7.9	7.4	11.0	12.6	7.5	7.1	12.7	8.9
finance	3.0	2.1	2.7	4.5	3.1	2.2	0.9	2.5	2.8	2.6	4.5	4.1	5.5	1.8	4.9
marketing	3.1	2.2	3.7	3.2	2.9	2.2	2.9	4.2	2.9	2.6	4.8	3.1	3.4	2.3	3.6
management	5.9	6.1	6.9	4.4	6.8	6.1	6.3	7.3	5.7	6.5	7.9	4.4	4.5	8.6	4.3
secretarial studies	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
other business	1.6	1.5	1.5	1.9	1.9	1.4	1.8	1.3	1.5	1.6	2.4	1.7	2.4	2.1	1.6
Education															
business education	0.2	0.3	0.3	0.1	0.4	0.3	0.3	0.3	0.2	0.3	0.2	0.1	0.1	0.6	0.2
elementary education	0.5	0.6	0.7	0.2	0.4	0.6	0.7	0.8	0.3	1.0	0.8	0.2	0.1	0.4	0.3
music or art education	0.2	0.1	0.3	0.2	0.3	0.0	0.3	0.4	0.2	0.4	0.3	0.2	0.1	0.3	0.3
physical education or recreation	1.3	1.5	1.9	0.4	0.9	1.1	4.3	2.2	0.8	2.7	1.6	0.5	0.1	0.9	0.8
secondary education	1.4	1.1	1.9	0.8	1.0	1.1	1.5	2.2	0.9	2.8	1.8	0.9	0.4	1.5	0.4
special education	0.1	0.2	0.1	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.2
other education	0.1	0.1	0.2	0.1	0.3	0.1	0.1	0.2	0.1	0.3	0.1	0.1	0.0	0.4	0.2
Engineering															
aeronautical/astronautical eng.	3.0	3.0	2.9	3.3	2.1	3.1	2.0	2.1	7.1	0.7	0.9	3.8	1.6	0.5	4.3
civil engineering	1.8	2.5	1.2	1.9	0.5	2.5	2.9	1.5	0.6	0.7	0.8	1.9	2.0	0.1	0.9
chemical engineering	0.8	0.7	0.4	1.4	0.2	0.8	0.0	0.5	0.3	0.3	0.2	1.5	1.2	0.0	0.5
electrical engineering	5.6	7.4	3.7	6.2	7.2	7.8	4.2	4.3	4.2	1.7	1.9	6.2	6.2	6.2	8.4
industrial engineering	0.5	0.5	0.5	0.5	1.2	0.4	0.6	0.7	0.3	0.3	0.1	0.5	0.4	2.1	0.1
mechanical engineering	3.6	4.3	2.5	4.3	1.9	4.5	2.7	3.0	2.6	1.6	1.1	4.4	3.8	1.0	3.1
other engineering	2.2	3.2	1.2	2.3	0.7	3.3	2.4	1.4	1.5	0.5	0.4	2.3	2.4	0.4	1.1

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	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Physical Sciences															
astronomy	0.1	0.1	0.1	0.2	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.0	0.0
atmospheric science	0.2	0.3	0.1	0.2	0.2	0.4	0.1	0.1	0.1	0.1	0.2	0.3	0.0	0.2	0.1
chemistry	0.8	0.4	1.0	1.0	0.7	0.5	0.1	0.9	1.1	1.3	0.7	1.0	1.2	0.4	1.2
earth science	0.2	0.3	0.1	0.2	0.0	0.3	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.0	0.0
marine science	0.1	0.0	0.2	0.1	0.1	0.0	0.2	0.2	0.1	0.1	0.2	0.1	0.0	0.0	0.2
mathematics	0.6	0.2	0.8	0.8	0.5	0.2	0.3	0.6	0.9	1.1	1.1	0.7	0.9	0.4	0.6
physics	0.7	0.3	0.8	1.2	0.3	0.3	0.2	0.5	1.2	1.1	0.7	1.1	1.5	0.3	0.2
statistics	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
other physical sciences	0.2	0.1	0.2	0.2	0.0	0.1	0.1	0.1	0.6	0.0	0.2	0.2	0.1	0.0	0.0
Professional															
architecture	1.9	3.1	0.8	2.1	1.4	2.2	11.0	0.9	0.9	0.5	0.4	2.3	1.4	0.9	2.1
home economics	0.1	0.3	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1
health technology	0.6	0.7	0.5	0.6	0.3	0.7	0.6	0.5	0.3	0.8	0.5	0.6	0.6	0.1	0.5
library science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.3	0.5	0.2	0.1	0.2	0.6	0.1	0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.5
pharmacy	0.7	0.6	0.7	1.0	0.4	0.6	0.3	1.0	0.4	0.5	0.3	1.1	0.5	0.4	0.3
premed,predent,prevet	2.6	1.0	2.4	4.8	2.5	1.0	0.5	1.9	2.4	4.1	2.3	4.6	5.2	1.7	3.5
therapy	0.9	0.9	0.9	1.0	0.8	0.9	1.2	1.0	0.5	1.1	0.9	1.2	0.6	0.6	0.9
other professional	1.2	0.9	1.3	1.2	0.4	0.9	1.1	1.0	1.9	1.4	1.4	1.3	1.1	0.0	0.9
Social Sciences															
anthropology	0.1	0.0	0.2	0.2	0.0	0.0	0.1	0.1	0.3	0.2	0.0	0.2	0.1	0.0	0.0
economics	0.8	0.2	0.8	1.3	0.3	0.2	0.2	0.6	1.4	0.9	0.8	1.0	2.3	0.1	0.6
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
geography	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
political science	3.2	1.3	3.7	4.7	5.6	1.3	0.7	2.9	4.6	5.0	4.8	3.7	8.3	4.5	7.0
psychology	1.9	1.4	2.2	2.0	3.6	1.3	2.0	1.8	2.2	3.0	3.2	2.2	1.6	3.7	3.6
social work	0.2	0.3	0.2	0.1	0.5	0.4	0.1	0.3	0.2	0.2	0.2	0.1	0.1	0.5	0.5
sociology	0.2	0.1	0.3	0.2	0.7	0.1	0.0	0.2	0.2	0.4	0.3	0.2	0.1	0.8	0.4
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.2	0.1	0.2	0.1	0.2	0.2	0.0	0.2	0.2	0.3	0.3	0.1	0.1	0.1	0.2
Technical															
building trades	0.3	0.6	0.3	0.0	0.0	0.3	3.5	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0
data processing	1.3	2.0	1.2	0.7	2.1	2.1	1.1	1.5	1.0	0.9	1.1	0.8	0.4	2.4	1.6
drafting or design	0.6	0.9	0.6	0.1	0.7	0.9	1.4	0.9	0.4	0.1	0.2	0.1	0.0	1.2	0.1
electronics	0.5	1.2	0.3	0.1	0.3	1.2	0.9	0.4	0.2	0.0	0.2	0.1	0.1	0.5	0.1
mechanics	0.5	0.4	0.9	0.0	0.4	0.4	0.2	1.3	0.7	0.2	0.0	0.0	0.0	0.5	0.1
other technical	0.5	0.6	0.8	0.0	0.3	0.5	0.6	1.2	0.5	0.2	0.0	0.0	0.0	0.5	0.1
Other Fields															
agriculture	1.5	3.1	0.7	1.0	2.8	3.3	1.1	1.1	0.3	0.4	0.0	1.2	0.0	4.8	0.2
communications	2.6	2.4	3.2	2.1	4.6	2.5	1.8	3.3	3.0	3.2	3.2	2.0	2.3	4.5	4.7
computer science	2.4	2.9	2.6	1.7	3.5	3.0	1.5	2.8	2.3	2.3	1.8	1.8	1.4	3.3	3.7
forestry	0.9	2.3	0.3	0.2	0.0	2.4	1.1	0.3	0.2	0.4	0.2	0.3	0.0	0.0	0.0
law enforcement	2.2	3.8	2.0	0.9	2.8	4.0	1.7	2.6	0.9	1.3	1.7	0.8	1.1	3.8	1.4
military science	0.2	0.3	0.3	0.2	0.4	0.3	0.2	0.3	0.3	0.1	0.3	0.2	0.1	0.3	0.5
other fields	1.4	2.0	1.3	0.9	0.9	2.0	2.3	0.7	3.2	1.1	0.6	1.1	0.5	1.1	0.7
undecided	5.9	5.0	6.4	6.0	3.1	5.0	5.2	6.6	5.9	6.9	5.3	6.1	5.8	3.1	2.9

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						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	5.4	5.3	6.2	4.2	7.2	5.6	2.8	6.9	3.8	5.6	9.5	4.4	3.4	7.7	6.7
actor or entertainer	1.0	0.8	1.1	1.0	1.8	0.8	1.0	1.0	1.5	1.3	1.0	0.9	1.4	2.1	1.5
architect	2.8	4.7	1.4	2.6	3.1	3.6	13.2	1.6	1.3	1.0	0.7	2.9	1.8	2.7	3.6
artist	1.7	1.5	2.4	1.0	1.2	1.3	3.1	1.8	4.9	1.1	1.7	1.0	0.8	1.6	0.6
business (clerical)	0.3	0.4	0.4	0.2	0.2	0.4	0.4	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.1
business (management)	14.0	12.0	15.3	14.4	16.7	12.0	12.0	15.0	13.4	16.8	20.4	13.9	16.1	17.8	15.2
business owner or proprietor	5.7	6.3	5.7	4.8	6.1	6.1	8.5	5.6	5.8	5.4	6.7	4.5	6.0	5.5	7.0
business salesperson or buyer	1.4	1.6	1.4	1.3	0.9	1.5	2.0	1.5	1.2	1.3	1.7	1.3	1.2	0.8	1.0
clergy (minister,priest)	0.3	0.1	0.5	0.1	0.6	0.1	0.4	0.2	0.5	1.8	0.5	0.1	0.3	0.6	0.6
clergy (other religious)	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.0	0.2	0.6	0.1	0.1	0.1	0.2	0.1
clinical psychologist	0.7	0.3	0.9	0.8	1.0	0.3	0.8	0.7	0.8	1.2	1.4	0.8	0.6	0.8	1.2
college teacher	0.4	0.2	0.5	0.5	0.3	0.2	0.2	0.3	0.7	1.1	0.4	0.4	0.7	0.3	0.3
computer programmer or analyst	3.8	5.1	3.7	2.5	5.0	5.4	2.4	4.3	3.0	3.2	3.1	2.6	1.9	5.0	4.9
conservationist or forester	1.3	2.9	0.6	0.5	0.6	3.1	1.0	0.7	0.4	0.6	0.3	0.6	0.1	1.0	0.0
dentist (incl orthodontist)	0.6	0.2	0.6	0.9	1.0	0.2	0.1	0.6	0.4	0.8	0.8	0.9	0.7	0.6	1.5
dietitian or home economist	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.1
engineer	15.7	19.2	11.3	18.0	13.6	20.0	13.1	12.3	14.3	5.6	5.0	19.0	14.5	10.8	17.2
farmer or rancher	0.8	1.4	0.5	0.4	0.2	1.5	0.8	0.6	0.2	0.5	0.2	0.6	0.0	0.3	0.2
foreign service worker	0.7	0.3	0.7	1.2	0.1	0.3	0.3	0.4	1.0	1.3	0.8	0.8	2.5	0.0	0.1
homemaker (full-time)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
interior decorator	0.1	0.1	0.1	0.1	0.0	0.0	0.5	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0
intepreter (translator)	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
lab technician or hygienist	0.3	0.4	0.2	0.2	0.1	0.4	0.2	0.3	0.1	0.2	0.0	0.2	0.1	0.0	0.2
law enforcement officer	2.0	3.2	1.8	0.7	1.9	3.4	1.8	2.5	0.7	0.9	1.7	0.7	0.7	2.9	0.6
lawyer (attorney) or judge	5.5	3.0	5.6	8.1	8.4	3.2	1.9	4.3	6.6	7.7	9.3	7.1	11.4	6.2	11.1
military service (career)	2.1	1.5	3.1	1.3	2.2	1.6	0.7	4.3	2.3	0.6	1.0	1.4	1.0	2.8	1.4
musician (performer,composer)	1.4	1.0	1.6	1.3	1.6	0.8	2.5	1.9	1.4	1.6	0.9	1.3	1.4	2.3	0.7
nurse	0.3	0.5	0.2	0.1	0.3	0.5	0.2	0.2	0.1	0.2	0.1	0.1	0.0	0.2	0.5
optometrist	0.3	0.2	0.4	0.4	0.2	0.2	0.1	0.4	0.3	0.5	0.2	0.4	0.2	0.2	0.3
pharmacist	0.8	0.6	0.8	1.1	0.6	0.6	0.3	1.1	0.5	0.6	0.3	1.2	0.5	0.6	0.5
physician	4.0	1.4	3.6	7.3	4.7	1.4	1.1	2.4	4.7	5.8	5.0	6.7	9.5	3.1	6.7
school counselor	0.1	0.0	0.2	0.1	0.3	0.0	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.4	0.2
school principal/superintendent	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.2	0.0
scientific researcher	2.0	1.7	1.7	2.8	0.8	1.8	0.4	1.5	2.1	2.0	1.6	2.8	2.6	0.8	0.9
social/welfare/recreation worker	0.3	0.4	0.4	0.1	1.6	0.4	0.4	0.5	0.3	0.5	0.3	0.1	0.1	2.3	0.8
statistician	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
therapist (phys,occup,speech)	1.0	1.0	1.1	1.1	0.8	0.9	1.4	1.2	0.6	1.3	1.1	1.2	0.6	0.5	1.2
teacher (elementary)	0.7	1.0	0.9	0.2	0.5	0.9	1.1	1.0	0.4	1.2	0.8	0.3	0.1	0.6	0.4
teacher (secondary)	2.7	1.9	4.0	1.7	1.8	1.7	3.7	4.4	2.0	5.7	3.4	1.9	1.0	2.4	1.0
veterinarian	0.6	0.6	0.5	0.7	1.0	0.7	0.3	0.6	0.4	0.5	0.2	0.8	0.2	1.2	0.7
writer or journalist	1.9	0.9	2.0	2.9	1.3	0.9	1.2	1.6	2.6	2.7	2.4	2.8	3.0	0.9	1.8
skilled trades	1.2	1.7	1.3	0.3	0.3	1.6	3.0	1.7	1.2	0.5	0.3	0.3	0.2	0.3	0.2
other career	6.2	7.2	6.5	4.6	5.5	7.1	8.2	5.9	9.0	5.8	5.2	4.9	3.4	5.8	5.0
undecided	9.8	8.8	10.2	10.1	6.1	8.9	8.3	9.7	10.4	11.9	10.6	9.8	11.2	7.9	3.9
Miles from College to Home															
5 or less	8.4	16.1	4.8	4.3	4.2	17.3	6.2	4.9	3.4	4.0	8.8	4.5	3.4	4.8	3.4
6-10	9.2	16.8	4.8	6.0	3.7	18.0	6.8	5.5	2.9	3.2	8.3	6.4	4.7	3.7	3.7
11-50	25.8	35.2	22.7	18.9	11.8	36.5	24.3	26.3	14.7	16.6	29.5	19.3	17.7	14.1	7.9
51-100	14.1	9.9	16.3	16.0	13.7	9.4	13.8	18.1	11.3	17.7	14.2	17.8	9.4	18.7	5.5
101-500	30.5	17.7	35.1	39.6	33.4	16.2	30.7	34.6	36.1	39.7	27.6	41.0	34.5	36.5	28.3
more than 500	12.0	4.3	16.3	15.3	33.1	2.7	18.2	10.6	31.5	18.8	11.5	11.0	30.2	22.2	51.1

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less..........	3.3	5.1	2.6	2.3	4.8	5.1	5.0	2.7	2.3	2.5	3.2	2.3	2.2	5.8	3.2
some high school................	6.6	9.6	6.0	3.9	11.4	9.7	8.2	6.9	4.6	5.4	5.0	4.1	3.5	14.2	7.3
high school graduate............	25.6	34.3	25.0	16.7	29.8	34.9	28.8	28.7	18.9	21.0	22.3	18.3	11.1	32.9	25.1
postsecondary other than college	4.9	5.2	5.3	4.1	4.7	5.3	4.9	5.8	4.6	4.4	4.7	4.5	2.8	4.0	5.8
some college....................	14.3	13.7	15.1	13.7	14.6	13.6	14.5	16.0	13.2	14.0	15.8	14.6	10.6	13.3	16.6
college degree..................	22.5	19.8	22.3	25.8	18.0	19.5	22.1	21.6	24.0	22.5	22.7	26.0	25.1	17.6	18.7
some graduate school............	2.9	1.5	3.2	4.1	1.6	1.5	1.7	2.8	3.8	3.6	3.4	3.9	4.6	1.2	2.3
graduate degree.................	19.9	10.8	20.6	29.4	15.1	10.3	14.9	15.6	28.7	26.6	22.9	26.3	40.1	11.1	20.9
Father's Occupation (6)															
artist (including performer)....	0.9	0.8	0.9	1.1	1.3	0.7	1.0	0.6	1.5	0.9	0.6	1.0	1.3	1.0	1.7
businessman.....................	31.5	28.1	31.5	35.3	19.0	27.3	35.0	29.4	34.9	31.9	36.5	34.0	39.5	16.8	21.7
clergy or religious worker......	0.9	0.5	1.4	0.6	1.9	0.4	1.7	0.8	1.5	4.3	0.4	0.6	0.9	1.4	2.6
college teacher or administrator	0.9	0.3	1.1	1.4	0.5	0.3	0.4	0.6	1.8	2.0	1.0	1.2	2.2	0.2	0.9
doctor or dentist...............	2.6	0.8	2.5	4.8	1.9	0.7	1.0	1.3	4.6	3.8	3.5	3.8	8.4	1.5	2.4
education (secondary)...........	4.2	3.4	4.8	4.4	4.4	3.5	2.6	4.8	4.3	5.9	4.3	4.5	3.9	3.7	5.2
education (elementary)..........	1.0	1.0	1.1	1.0	1.2	1.1	0.7	1.1	1.0	1.1	1.0	1.0	0.9	1.5	0.8
engineer........................	8.5	8.4	7.7	9.8	5.0	8.5	7.6	8.2	7.6	6.2	7.0	10.1	8.7	4.7	5.2
farmer or forester..............	2.6	2.6	2.6	2.5	2.3	2.5	3.6	3.2	1.2	3.4	1.7	3.0	0.8	3.6	0.6
health professional (non-M.D.)..	1.4	1.2	1.4	1.6	1.7	1.1	1.3	1.5	1.5	1.2	1.2	1.7	1.2	2.2	0.9
lawyer..........................	2.0	0.8	1.9	3.3	1.3	0.8	0.7	0.9	3.4	2.5	3.9	2.7	5.4	0.9	1.8
military (career)...............	1.8	1.2	2.3	1.7	4.8	1.1	1.9	2.8	1.6	1.8	1.2	1.9	1.2	5.5	4.0
research scientist..............	0.7	0.3	0.7	1.1	0.6	0.3	0.2	0.6	0.8	0.7	0.6	1.0	1.2	0.7	0.4
skilled worker..................	10.7	14.0	10.4	7.5	10.5	14.4	10.6	12.2	8.0	8.2	8.3	8.3	4.8	10.3	10.8
semi-skilled worker.............	4.4	5.7	4.3	3.0	5.5	6.0	3.6	5.1	3.0	3.5	3.9	3.3	1.9	6.4	4.3
laborer (unskilled).............	2.6	3.6	2.3	1.9	3.4	3.7	2.8	2.5	2.0	2.1	2.5	2.1	1.1	3.1	3.8
unemployed......................	1.8	2.3	1.7	1.4	3.6	2.4	1.8	1.8	1.7	1.5	1.4	1.4	1.1	3.5	3.9
other...........................	21.4	25.0	21.3	17.6	31.3	25.2	23.5	22.5	19.6	19.1	21.2	18.2	15.5	33.0	29.1
Father's Religious Preference															
Baptist.........................	12.3	10.6	16.6	8.4	63.2	9.1	22.4	19.8	12.2	18.2	3.6	9.0	6.2	68.6	56.0
Buddhist........................	0.6	0.5	0.4	1.2	0.5	0.5	0.5	0.3	0.7	0.3	0.3	1.1	1.3	0.5	0.5
Congregational..................	1.3	1.0	1.6	1.1	0.3	0.9	2.4	1.3	2.4	2.0	0.6	1.1	1.2	0.0	0.7
Eastern Orthodox................	0.8	1.1	0.6	0.9	0.0	1.2	0.5	0.5	0.9	0.4	0.9	0.8	1.1	0.0	0.1
Episcopal.......................	2.5	1.6	2.9	2.8	2.1	1.5	2.7	2.3	4.2	3.8	1.6	2.7	3.5	1.4	3.0
Islamic.........................	0.5	0.4	0.4	0.6	1.5	0.4	0.4	0.4	0.6	0.3	0.2	0.5	0.8	1.5	1.5
Jewish..........................	4.3	3.7	2.5	7.2	0.3	3.9	2.6	1.8	5.9	1.2	0.8	6.4	10.2	0.2	0.4
LDS (Mormon)....................	0.3	0.2	0.3	0.3	0.0	0.2	0.2	0.4	0.2	0.2	0.0	0.4	0.3	0.0	0.0
Lutheran........................	6.8	6.1	7.0	7.2	0.3	5.9	7.6	7.6	4.2	10.5	4.2	8.2	3.7	0.0	0.8
Methodist.......................	8.7	8.2	9.6	7.8	8.1	8.1	9.1	10.7	7.5	12.2	3.7	8.7	4.9	5.9	11.0
Presbyterian....................	5.3	4.7	5.4	5.9	1.8	4.7	4.7	4.8	6.0	8.8	2.4	6.2	4.7	1.5	2.1
Quaker..........................	0.2	0.2	0.2	0.2	0.1	0.2	0.5	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.1
Roman Catholic..................	36.4	42.9	31.8	35.3	5.4	44.6	29.2	31.5	29.9	15.2	71.1	33.1	42.9	4.8	6.1
Seventh-Day Adventist...........	0.3	0.5	0.2	0.2	0.8	0.5	0.1	0.2	0.3	0.1	0.3	0.2	0.3	1.0	0.5
other Protestant................	5.7	5.9	6.1	4.7	1.5	6.0	5.0	4.8	7.6	10.8	3.0	4.9	4.1	1.1	2.2
other religion..................	4.4	4.4	4.8	3.7	6.7	4.2	6.4	4.5	5.2	6.9	1.9	3.9	3.2	7.2	6.1
none............................	9.8	8.0	9.4	12.4	7.2	8.3	5.9	9.2	11.9	8.8	5.1	12.8	11.3	6.1	8.8

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

						2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less	2.5	3.8	1.8	1.9	2.9	3.8	4.2	1.8	1.7	1.5	2.8	1.9	2.0	4.0	1.4
some high school	5.3	8.2	4.6	3.0	9.1	8.4	7.2	5.3	3.4	4.1	3.5	3.2	2.5	11.6	5.4
high school graduate	34.2	43.3	33.2	25.3	26.6	44.3	35.2	37.7	25.8	26.8	32.8	27.3	18.3	30.9	20.0
postsecondary other than college	7.7	8.1	7.5	7.4	5.5	8.2	7.8	7.6	7.1	7.0	8.3	7.6	6.6	5.1	6.2
some college	16.3	13.1	17.6	17.9	18.6	12.9	15.1	17.9	16.4	18.6	17.3	18.4	16.2	17.4	20.4
college degree	20.5	15.7	20.8	25.7	18.6	15.2	19.9	17.9	25.3	25.0	22.2	24.7	29.0	16.0	22.6
some graduate school	3.2	1.6	3.5	4.6	2.6	1.5	2.2	2.9	4.7	4.3	3.1	4.0	6.4	2.0	3.6
graduate degree	10.3	6.0	11.0	14.3	15.9	5.7	8.4	8.9	15.8	12.7	10.1	12.9	19.0	13.1	20.3
Mother's Occupation (6)															
artist (including performer)	1.6	0.9	1.8	2.3	0.8	0.8	1.9	1.2	2.9	2.5	1.6	2.1	3.0	0.5	1.1
businesswoman	14.1	13.6	13.8	15.2	13.2	13.2	16.8	13.6	14.9	13.4	12.5	15.1	15.7	12.7	13.9
business (clerical)	10.4	11.1	10.5	9.6	7.5	11.3	9.4	11.6	8.9	8.9	10.1	10.1	7.9	7.8	7.2
clergy or religious worker	0.2	0.1	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.4	0.1	0.2	0.2	0.0	0.2
college teacher or administrator	0.4	0.2	0.5	0.6	0.3	0.2	0.4	0.3	0.7	0.8	0.4	0.5	1.1	0.1	0.5
doctor or dentist	0.5	0.3	0.5	0.8	0.6	0.3	0.5	0.4	0.8	0.4	0.5	0.6	1.4	0.3	0.9
education (secondary)	4.5	2.7	5.2	5.4	9.8	2.7	3.4	4.9	5.6	5.8	4.4	5.3	5.7	9.5	10.1
education (elementary)	7.0	4.8	7.8	8.2	10.2	4.5	6.6	7.1	8.3	9.9	6.7	8.3	7.9	9.3	11.5
engineer	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.1	0.3	0.2	0.2	0.3	0.2	0.1	0.8
farmer or forester	0.3	0.4	0.3	0.3	0.0	0.4	0.4	0.4	0.2	0.4	0.4	0.3	0.1	0.0	0.0
health professional (non.M.D.)	1.9	1.8	1.9	2.2	2.3	1.7	2.0	1.9	1.9	2.0	1.7	2.1	2.4	1.7	3.1
homemaker (full-time)	17.5	18.7	16.5	17.4	6.9	19.0	15.7	16.1	15.6	17.6	20.2	16.6	20.1	8.9	4.3
lawyer	0.3	0.2	0.3	0.5	0.6	0.2	0.2	0.2	0.7	0.4	0.3	0.4	0.7	0.3	0.9
nurse	7.9	8.3	7.8	7.5	7.8	8.3	8.2	7.9	7.6	7.2	9.1	7.6	6.9	7.4	8.3
research scientist	0.1	0.1	0.1	0.3	0.1	0.1	0.0	0.1	0.3	0.1	0.1	0.2	0.4	0.0	0.3
social/welfare/recreation worker	1.5	1.3	1.6	1.6	3.5	1.3	1.2	1.3	2.2	1.9	1.2	1.6	1.7	2.5	4.9
skilled worker	2.3	2.8	2.2	2.0	2.1	2.8	2.5	2.3	2.2	1.8	1.8	2.1	1.5	2.0	2.4
semi-skilled worker	2.9	3.7	2.6	2.4	2.7	3.8	3.4	3.0	1.9	2.5	2.4	2.6	1.5	2.8	2.6
laborer (unskilled)	1.7	2.2	1.6	1.4	1.4	2.3	1.3	1.8	1.1	1.8	1.6	1.5	0.9	0.8	2.3
unemployed	6.5	7.7	6.1	5.5	6.9	7.9	6.2	6.2	6.3	5.3	6.4	5.6	5.4	8.3	5.2
other	18.0	18.7	18.4	16.6	22.7	18.7	19.4	19.3	17.2	16.6	18.4	17.0	15.3	24.9	19.8
Mother's Religious Preference															
Baptist	12.7	11.1	17.1	8.5	63.5	9.7	22.5	20.3	12.5	18.9	3.6	9.1	6.3	68.5	56.5
Buddhist	0.7	0.6	0.4	1.3	0.2	0.6	0.5	0.2	0.7	0.2	0.2	1.3	1.4	0.1	0.3
Congregational	1.4	1.0	1.7	1.3	0.3	0.8	2.2	1.4	2.6	2.2	0.6	1.3	1.3	0.2	0.5
Eastern Orthodox	0.7	0.8	0.6	0.8	0.0	0.8	0.7	0.5	0.9	0.4	0.7	0.7	1.0	0.0	0.1
Episcopal	2.8	1.8	3.2	3.3	2.9	1.7	3.3	2.6	4.8	4.2	1.9	3.1	4.0	2.2	3.8
Islamic	0.4	0.3	0.3	0.5	0.9	0.3	0.3	0.2	0.5	0.3	0.2	0.5	0.8	0.9	0.9
Jewish	4.1	3.6	2.3	7.0	0.1	3.8	2.6	1.6	5.5	1.0	0.6	6.2	9.9	0.0	0.2
LDS (Mormon)	0.3	0.2	0.3	0.4	0.0	0.2	0.2	0.4	0.2	0.2	0.1	0.4	0.3	0.0	0.0
Lutheran	7.0	6.4	7.2	7.4	0.5	6.3	7.3	7.8	4.3	10.9	3.9	8.4	3.9	0.0	1.1
Methodist	9.1	8.7	10.0	8.2	8.7	8.6	9.7	10.9	8.1	12.8	3.9	9.1	5.2	6.0	12.4
Presbyterian	5.5	4.6	5.6	6.3	2.0	4.6	4.9	4.9	6.2	9.0	2.2	6.7	5.2	1.7	2.4
Quaker	0.2	0.3	0.2	0.2	0.2	0.3	0.5	0.1	0.3	0.5	0.2	0.2	0.2	0.3	0.0
Roman Catholic	38.3	44.9	33.6	37.4	7.3	46.7	30.2	33.3	31.6	16.0	73.9	35.2	44.9	7.2	7.4
Seventh-Day Adventist	0.3	0.4	0.3	0.3	0.9	0.4	0.2	0.3	0.4	0.2	0.3	0.3	0.3	1.1	0.7
other Protestant	5.8	5.8	6.2	5.0	1.8	6.0	4.5	4.9	7.8	11.1	2.7	5.2	4.3	1.3	2.5
other religion	4.7	4.6	5.2	4.0	7.6	4.3	6.9	4.9	5.5	7.3	2.2	4.1	3.5	7.4	7.9
none	6.2	4.8	5.8	8.2	3.0	5.0	3.7	5.5	8.0	5.0	2.8	8.4	7.5	2.9	3.3

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Deciding to go to College															
become a more cultured person...	29.2	25.7	30.1	32.0	53.7	25.3	29.3	27.3	34.8	32.8	32.5	30.1	38.5	51.7	57.0
could not find a job...........	3.2	4.4	3.0	1.9	7.3	4.3	4.5	3.5	2.4	2.5	2.6	2.0	1.6	8.7	5.1
gain general education..........	53.6	52.0	53.3	55.7	72.0	51.5	56.2	50.7	58.3	55.0	55.6	53.5	63.5	73.8	69.2
get a better job...............	82.7	86.0	81.4	80.7	89.6	86.2	84.4	83.7	78.1	77.4	81.1	81.4	78.3	89.5	89.8
improve reading and study skills	35.6	37.9	36.3	31.9	66.5	37.2	43.3	35.9	35.2	37.8	39.5	31.6	33.0	70.2	60.7
learn more about things.........	69.3	68.2	68.8	71.2	77.2	67.8	71.5	67.5	73.7	68.2	65.9	70.5	74.0	77.3	77.0
make more money................	76.5	80.5	75.1	73.9	87.7	80.5	80.5	79.0	69.5	68.0	74.8	75.8	67.5	88.6	86.1
nothing better to do...........	3.4	4.2	3.3	2.8	8.4	4.3	3.3	3.5	3.1	3.0	2.8	2.7	2.9	10.4	5.4
parents wanted me to go.........	18.9	17.9	19.9	18.7	34.9	17.7	19.8	20.2	19.1	20.0	19.6	18.4	19.6	36.9	31.6
prepare for graduate school.....	46.1	42.2	44.6	52.9	66.0	41.2	50.6	42.0	47.4	48.4	49.4	51.4	58.0	64.2	68.8
wanted to get away from home....	11.6	8.6	12.8	13.4	20.7	8.1	13.2	12.7	13.1	13.3	12.2	13.4	13.5	21.7	19.2
Reasons Noted as Very Important in Selecting This College															
advice of guidance counselor....	7.2	8.1	7.7	5.4	11.0	7.7	11.5	8.1	7.8	5.7	7.9	5.0	7.0	13.0	8.2
advice of teacher...............	4.1	4.3	4.6	3.1	7.4	4.1	6.6	4.6	5.3	3.8	3.7	2.8	4.3	8.7	5.4
friend suggested attending......	7.9	8.4	8.6	6.6	13.4	8.1	10.8	8.7	7.5	9.9	8.2	6.7	6.2	15.6	10.3
good academic reputation........	54.0	47.3	53.5	62.2	50.5	47.5	46.0	47.3	64.5	56.8	60.8	58.2	76.0	37.1	69.6
good social reputation..........	23.0	18.6	21.1	30.7	30.5	18.6	19.1	19.7	21.3	23.5	25.5	31.5	28.0	28.4	33.6
graduates get good jobs (7).....	35.4	34.6	36.8	34.3	44.3	34.7	34.2	34.3	43.2	34.3	41.7	31.0	45.9	37.4	54.2
low tuition.....................	20.1	25.0	17.6	18.0	23.5	26.8	10.0	27.2	4.8	5.3	6.8	22.5	2.4	30.3	13.7
not offered aid by first choice.	4.6	4.0	4.9	4.8	7.2	3.9	4.4	5.1	4.1	5.2	5.6	5.2	3.4	7.9	6.2
offered financial assistance....	18.9	13.3	24.7	17.1	31.3	12.1	22.4	20.5	23.7	38.0	33.0	14.5	26.1	34.4	26.9
offers special programs.........	18.5	17.8	20.0	17.4	29.8	17.1	23.1	18.7	26.4	17.2	15.2	16.2	21.7	29.3	30.5
recruited by athletic department	6.6	3.7	10.5	4.3	8.2	2.7	11.6	9.1	8.3	17.6	14.3	3.9	5.9	9.7	5.9
recruited by college rep........	3.9	3.2	5.6	2.4	9.2	2.7	7.4	4.5	5.2	9.8	7.2	2.1	3.5	10.8	6.8
relatives wanted me to come.....	6.2	6.8	6.4	5.2	14.1	6.7	7.4	6.5	5.9	6.7	6.1	5.0	5.8	14.1	14.1
wanted to live near home........	15.6	21.9	13.5	11.3	12.0	23.1	12.6	16.4	7.9	10.1	15.4	12.5	7.2	15.3	7.3
Residence Preferred During Fall Term															
with parents or relatives.......	15.1	28.0	11.3	7.5	8.7	29.8	14.5	13.1	8.0	8.4	13.6	8.1	5.7	8.9	8.5
other private home,apt,room.....	32.7	35.1	32.3	30.8	47.2	35.3	33.4	35.9	30.1	26.9	23.6	33.7	21.2	45.4	49.6
college dormitory...............	36.0	23.3	38.7	44.8	27.8	22.1	32.5	33.4	44.0	46.7	45.8	40.7	58.9	26.8	29.2
fraternity or sorority house....	8.2	6.4	8.4	9.6	5.9	5.9	10.9	8.6	7.8	9.1	7.3	10.5	6.4	7.3	4.1
other campus housing............	5.6	4.2	6.7	5.6	7.9	4.0	6.0	6.2	7.6	6.9	7.8	5.3	6.4	8.8	6.7
other...........................	2.4	2.9	2.5	1.7	2.4	2.9	2.8	2.7	2.4	2.0	1.9	1.8	1.4	2.8	1.9
Residence Planned During Fall Term															
with parents or relatives.......	30.2	58.4	16.9	16.0	9.6	62.1	26.0	20.9	9.1	7.7	27.2	17.5	10.6	9.5	9.8
other private home,apt,room.....	7.2	13.1	3.7	5.3	9.2	14.2	3.3	3.7	5.3	2.0	2.7	5.8	3.3	9.5	8.7
college dormitory...............	58.3	24.6	75.2	74.1	76.5	19.7	67.2	71.2	80.5	86.6	67.8	71.9	81.9	76.4	76.7
fraternity or sorority house....	1.1	0.4	1.2	1.7	0.6	0.4	0.7	1.1	1.0	2.1	0.5	2.1	0.6	0.6	0.6
other campus housing............	2.6	2.6	2.6	2.5	2.9	2.6	2.3	2.6	3.6	1.4	1.6	2.3	3.3	2.5	3.5
other...........................	0.6	0.9	0.4	0.4	1.3	1.0	0.5	0.5	0.5	0.1	0.2	0.4	0.3	1.7	0.7

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family	77.8	68.9	79.9	85.9	70.7	67.4	82.0	75.0	88.0	85.0	83.7	84.7	89.9	63.2	83.3
spouse	1.1	1.4	1.1	0.7	2.3	1.4	2.1	1.2	1.0	1.0	1.0	0.7	0.8	2.9	1.3
savings from summer work	56.4	50.7	56.2	63.7	38.4	50.4	53.0	53.3	59.3	59.6	62.3	64.2	62.2	37.4	40.1
other savings	28.8	24.3	29.0	33.8	21.1	24.2	25.2	27.7	31.5	29.6	31.5	33.6	34.2	20.8	21.5
part-time job on campus	17.7	11.2	21.8	20.1	21.8	10.1	21.4	17.5	26.6	29.7	25.8	18.1	27.0	23.1	19.6
other part-time job while at col	22.3	28.8	18.7	19.6	16.8	29.4	23.0	20.2	15.8	15.0	22.3	21.1	14.0	17.6	15.6
full-time job while at college	2.2	3.0	2.1	1.3	5.7	3.1	2.4	2.4	2.0	1.2	1.6	1.4	1.0	7.6	2.5
Pell Grant	13.9	13.7	16.1	11.2	32.8	13.0	19.9	14.4	16.3	21.7	18.5	10.9	12.3	34.3	30.2
Supp Educational Oppty Grant	3.6	2.9	4.2	3.5	7.7	2.7	5.4	2.8	5.3	7.5	5.6	2.7	6.2	7.4	8.3
state scholarship or grant	9.4	6.6	11.1	10.2	7.4	5.8	14.0	8.4	11.6	19.2	15.4	10.1	10.7	7.1	7.9
College Work-Study Grant	5.9	3.5	7.5	6.5	9.2	3.2	6.6	4.0	10.1	15.5	11.7	4.2	14.4	8.7	10.0
other college grant	18.2	9.8	24.3	19.8	15.9	8.5	21.2	16.4	28.5	44.2	35.7	16.2	32.7	13.0	20.6
other private grant	8.9	6.2	9.9	10.8	8.4	5.7	11.1	7.3	12.1	16.4	10.6	9.6	15.1	6.6	11.4
other govt aid (ROTC,BIA,GI,etc)	3.7	3.1	4.7	2.8	5.4	3.3	2.0	6.2	3.2	2.4	2.6	2.8	3.1	6.3	3.8
Federal Guaranteed Student Loan	19.6	18.4	22.1	17.5	27.4	17.6	25.8	15.9	29.3	31.4	31.7	14.9	26.8	24.8	31.6
National Direct Student Loan	2.6	2.0	2.8	2.8	4.1	1.9	3.7	2.2	3.7	4.3	2.5	2.1	5.3	3.9	4.4
other college loan	6.2	5.6	6.7	6.2	5.6	5.3	8.2	5.0	9.1	8.7	9.2	5.1	9.9	5.7	5.4
other loan	5.1	4.9	5.6	4.9	5.7	4.6	7.4	4.5	7.4	6.7	6.5	4.5	6.2	5.2	6.6
other	2.6	2.6	2.6	2.5	3.4	2.5	3.1	2.2	3.2	3.3	3.0	2.4	2.9	3.0	4.2
Received $1,500 or More From															
parents or family	53.3	39.2	55.9	66.9	40.5	37.0	59.1	46.5	72.5	63.3	64.8	63.4	79.6	31.2	56.0
spouse	0.4	0.4	0.4	0.3	0.7	0.3	0.7	0.4	0.4	0.2	0.3	0.3	0.4	1.0	0.2
savings from summer work	9.1	7.1	9.2	11.3	2.7	6.6	11.1	8.1	11.0	9.4	11.8	10.4	14.3	3.1	2.0
other savings	5.7	4.3	5.8	7.5	2.2	4.1	6.1	4.5	7.7	6.8	7.4	6.8	10.0	1.9	2.8
part-time job on campus	0.9	0.4	0.8	1.6	1.4	0.3	0.6	0.5	1.4	1.3	1.3	0.9	4.3	1.0	2.2
other part-time job while at col	1.5	2.0	1.1	1.5	1.3	2.0	1.8	0.9	1.3	1.0	1.9	1.4	1.7	1.5	0.9
full-time job while at college	0.6	0.9	0.6	0.4	1.1	0.9	0.6	0.6	0.9	0.2	0.3	0.4	0.4	1.5	0.6
Pell Grant	2.5	1.8	3.3	2.2	9.8	1.6	3.9	3.1	3.3	4.2	3.6	2.0	3.1	11.1	7.7
Supp Educational Oppty Grant	0.5	0.3	0.6	0.6	1.6	0.3	0.4	0.4	1.0	0.8	0.7	0.3	1.6	1.7	1.4
state scholarship or grant	1.7	0.7	2.2	2.1	1.2	0.5	2.0	1.5	2.1	4.3	4.0	1.7	3.2	1.2	1.2
College Work-Study Grant	0.3	0.2	0.3	0.4	0.9	0.2	0.3	0.2	0.4	0.3	0.3	0.3	1.0	1.1	0.8
other college grant	8.2	1.9	12.2	10.2	6.5	1.4	6.0	4.7	19.0	26.7	22.7	6.1	24.7	3.9	10.9
other private grant	2.2	1.3	2.4	3.2	2.1	1.2	2.2	1.3	3.9	4.3	3.0	2.3	6.6	1.5	3.3
other govt aid (ROTC,BIA,GI,etc)	2.3	1.5	3.4	1.9	2.6	1.5	0.9	4.7	2.2	1.2	1.3	1.7	2.5	2.7	2.5
Federal Guaranteed Student Loan	7.4	6.5	8.5	7.1	11.9	6.0	10.2	5.0	13.4	12.5	12.9	5.4	13.2	10.5	14.1
National Direct Student Loan	0.6	0.5	0.6	0.7	0.8	0.5	1.0	0.3	1.0	0.7	0.8	0.4	1.4	0.7	1.0
other college loan	2.7	2.0	2.9	3.1	1.9	2.0	2.9	1.7	5.1	3.6	4.7	2.2	6.3	1.4	2.9
other loan	2.6	2.2	2.9	2.7	2.5	2.1	3.9	2.0	4.8	3.8	3.3	2.3	4.3	1.7	3.8
other	1.1	1.0	1.2	1.2	1.2	0.9	1.8	0.9	1.7	1.6	1.6	1.0	1.8	1.1	1.5
Concern about Financing College															
no concern	42.1	41.5	42.2	42.8	30.7	41.2	43.7	44.6	40.0	38.7	36.9	43.0	42.2	31.3	29.9
some concern	45.9	46.6	45.6	45.6	50.2	47.0	43.8	44.3	46.0	48.5	49.1	45.5	45.7	50.3	50.2
major concern	11.9	11.9	12.2	11.6	19.0	11.9	12.5	11.1	14.0	12.7	14.0	11.5	12.1	18.5	19.9

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Students Estimate Chances Are Very Good That They Will															
be elected to an honor society..	7.5	5.2	7.4	10.0	13.4	5.3	4.7	6.3	9.0	9.0	7.3	9.2	12.7	11.1	16.8
be elected to student office....	3.6	3.2	3.9	3.6	8.0	3.2	3.4	3.4	4.8	4.8	4.0	3.3	4.6	6.6	10.2
be satisfied with college.......	46.4	40.9	45.6	53.6	40.1	40.9	40.8	41.3	52.5	49.7	48.4	51.4	61.2	34.3	48.3
change career choice............	11.4	8.6	11.5	14.2	8.3	8.7	8.0	10.9	11.3	13.8	12.1	14.1	14.7	9.0	7.2
change major field..............	13.4	11.2	13.1	16.1	9.1	11.5	8.9	13.0	12.7	13.9	14.2	16.3	15.3	9.3	8.6
drop out permanently............	1.0	1.4	1.0	0.6	2.3	1.5	1.0	1.1	1.0	0.9	1.1	0.6	0.6	3.0	1.3
drop out temporarily............	1.2	1.4	1.3	1.0	1.7	1.4	1.3	1.3	1.3	1.3	1.0	1.0	0.9	1.9	1.5
fail one or more courses........	1.6	1.7	1.5	1.5	2.0	1.8	1.4	1.6	1.6	1.5	0.9	1.5	1.2	2.3	1.5
find job in own field...........	67.6	65.7	67.3	70.2	68.0	65.8	64.8	67.7	67.9	65.1	66.8	70.1	70.4	63.2	74.8
get bachelor's degree...........	70.4	58.9	72.8	80.0	72.0	59.4	54.9	70.2	78.1	74.7	71.9	79.2	82.6	63.8	83.6
get job to pay college expenses.	31.9	30.9	31.6	33.5	26.3	31.8	24.5	30.3	32.2	33.2	36.1	33.0	35.3	24.8	28.5
get tutoring in some courses....	10.2	9.3	11.3	9.5	23.5	8.8	13.3	12.0	10.8	10.1	10.5	9.8	8.5	22.7	24.7
graduate with honors............	13.2	10.5	12.9	16.8	20.7	10.5	10.0	11.2	16.1	14.1	13.3	16.0	19.8	17.4	25.3
join social frat or sorority....	16.0	10.4	17.2	20.6	26.0	10.3	11.1	16.4	18.4	20.0	14.7	20.4	21.3	24.7	27.7
make at least "B" average.......	42.1	36.2	39.8	51.7	40.0	37.2	27.9	35.7	46.2	41.8	46.5	50.2	57.0	30.7	53.2
marry while in college..........	3.0	3.1	3.3	2.6	3.5	3.1	2.6	3.5	2.7	3.9	2.3	2.8	1.9	3.7	3.1
marry within a year after coll..	12.3	11.2	14.2	11.0	12.7	11.1	12.7	15.1	11.6	16.3	11.2	11.6	8.9	13.5	11.7
need extra time for degree......	6.6	5.9	6.5	7.6	10.7	5.9	6.1	7.1	5.9	5.6	5.8	8.4	4.8	11.4	9.8
participate in student protests.	4.9	3.3	5.4	5.9	10.6	3.3	3.7	4.3	8.1	5.6	4.6	5.4	7.4	7.6	14.8
play varsity athletics..........	19.8	16.4	26.1	14.8	24.9	14.9	28.5	23.0	26.4	35.6	30.4	13.7	18.7	26.3	22.9
seek individual counseling......	3.1	2.8	3.5	3.0	9.3	2.7	3.7	3.5	3.5	3.5	4.3	2.9	3.3	11.4	6.4
seek vocational counseling......	4.2	3.4	4.3	5.2	7.2	3.4	3.1	3.9	5.0	4.5	4.3	5.0	5.7	7.2	7.3
transfer to another college.....	11.3	16.6	11.0	5.7	12.4	16.5	17.7	12.6	8.1	10.3	9.0	6.3	3.7	14.6	9.3
work at outside job.............	16.7	20.3	15.0	15.2	13.3	21.1	13.8	16.0	12.8	12.3	19.2	16.0	12.4	12.9	13.9
work full-time while attending..	3.5	5.1	3.1	2.1	4.8	5.5	2.5	3.4	2.7	2.3	2.8	2.3	1.7	5.1	4.4
Objectives Considered to be Essential or Very Important (7)															
achieve in a performing art.....	9.8	8.4	10.5	10.5	14.4	8.2	10.4	9.9	11.9	11.2	9.0	10.1	11.7	16.3	11.8
be authority in my field........	73.6	71.6	73.7	75.8	81.3	71.3	74.1	74.1	73.7	72.2	73.8	75.7	75.9	79.4	83.8
be expert on finance/commerce...	32.0	30.8	32.6	32.5	47.7	30.7	31.8	33.7	28.6	31.8	37.6	32.4	32.9	49.4	45.3
be successful in own business...	56.8	59.1	56.3	54.9	73.2	58.1	66.9	57.5	53.7	53.4	60.2	55.1	54.3	73.2	73.2
be very well off financially....	77.8	79.8	76.7	77.2	86.0	80.0	78.5	79.6	73.7	68.7	79.1	78.3	73.5	83.7	89.2
create artistic work............	11.9	11.7	12.0	12.1	15.6	11.3	15.3	11.0	15.5	10.6	10.8	12.1	11.9	17.4	13.0
develop philosophy of life......	49.4	43.3	51.3	53.6	66.1	42.4	50.1	49.0	54.8	54.7	50.9	52.1	58.9	64.7	68.0
get married.....................	66.0	63.6	66.2	68.5	61.4	63.3	65.6	64.5	66.7	69.6	70.6	67.5	72.0	56.9	67.9
have admin responsibility.......	42.9	41.5	43.5	43.5	54.2	41.5	41.4	45.4	39.5	40.4	47.3	43.4	44.1	56.2	51.3
help others in difficulty.......	46.3	42.7	48.2	47.6	61.4	42.0	48.4	45.7	49.9	53.9	50.9	46.4	51.8	55.5	70.0
influence political structure...	19.8	16.0	20.9	22.4	33.2	16.0	16.4	19.7	22.4	22.3	22.3	21.2	26.7	32.4	34.4
influence social values.........	32.7	28.6	35.4	33.6	53.6	27.7	35.6	33.6	36.2	40.1	37.0	32.6	37.0	53.2	54.1
join org like Peace Corps/VISTA.	6.3	6.0	6.6	6.4	11.4	5.7	7.9	5.8	7.8	7.3	7.1	6.1	7.3	12.5	9.9
keep up to date with politics...	38.2	29.5	39.4	46.1	44.8	29.5	29.8	35.8	44.5	43.8	41.9	43.8	53.9	39.9	51.8
obtain recog from colleagues....	56.9	53.9	56.9	60.2	67.0	53.6	56.0	57.4	57.2	52.8	59.2	60.3	59.9	67.5	66.3
participate in community action.	18.8	16.7	20.1	19.2	37.2	16.3	20.2	19.0	21.7	21.8	20.6	18.2	22.5	34.1	41.6
promote racial understanding....	29.8	24.7	32.2	32.2	68.9	23.9	31.0	29.3	38.2	34.9	30.3	30.5	37.9	63.7	76.4
raise a family..................	66.5	64.6	67.0	68.1	71.4	64.2	67.2	65.7	67.1	69.9	70.9	67.1	71.6	67.3	77.2
theoretical contrib to science..	15.6	14.5	13.8	19.5	19.3	14.9	10.9	13.1	17.0	12.7	12.2	19.8	18.2	18.4	20.4
write original works............	12.7	10.3	13.1	14.7	15.5	10.2	10.9	11.6	15.7	14.4	13.6	14.0	17.1	16.6	14.1

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Political Views															
far left........................	2.7	2.7	2.8	2.3	5.6	2.7	2.7	2.7	3.3	2.9	2.0	2.3	2.5	5.9	5.3
liberal.........................	20.5	17.6	21.2	22.9	27.7	17.6	17.5	20.0	24.8	20.9	20.3	22.9	22.7	23.7	34.0
middle of the road..............	49.5	56.0	47.8	44.5	45.1	56.1	55.2	50.7	43.3	42.7	49.0	45.7	40.1	47.1	42.0
conservative....................	24.8	21.0	25.7	27.9	19.3	20.8	22.1	24.3	26.1	30.4	26.3	26.7	31.9	20.6	17.3
far right.......................	2.5	2.7	2.5	2.4	2.2	2.8	2.6	2.2	2.6	3.1	2.4	2.3	2.7	2.7	1.4
Agrees Strongly or Somewhat															
abolish death penalty...........	19.6	18.8	19.9	20.0	34.6	18.5	21.7	18.2	22.4	21.0	23.7	18.9	23.6	35.0	34.0
abortion should be legalized....	56.8	52.4	56.2	62.7	58.8	51.9	56.0	56.2	63.4	50.0	46.7	63.5	59.9	56.0	62.5
busing OK to achieve balance....	52.3	53.9	53.2	49.2	64.8	53.7	56.0	53.2	53.7	52.9	52.0	48.8	50.5	65.5	63.7
coll appreciated if cost higher.	56.2	55.5	57.2	55.5	57.0	55.2	57.6	57.8	56.3	56.3	56.7	55.3	56.2	56.7	57.3
college increases earning power.	73.9	79.0	73.2	69.1	79.9	79.2	77.7	77.3	67.3	66.8	72.3	71.5	61.0	81.9	77.2
control AIDS by mandatory tests.	67.7	73.0	68.1	61.2	73.8	73.1	72.3	71.5	62.3	64.4	66.7	62.5	56.7	77.6	68.5
employers can require drug tests	69.8	71.0	70.7	67.1	70.7	71.5	67.6	72.0	67.6	72.0	68.1	67.3	66.4	68.3	74.0
govt not controlling pollution..	82.3	82.5	81.6	83.0	82.0	82.6	81.3	80.5	84.1	82.4	81.6	82.5	84.6	79.4	85.7
govt not promoting disarmament..	56.9	56.6	57.2	56.7	76.2	56.2	59.5	55.9	60.3	56.2	59.6	56.7	57.0	73.0	80.6
govt not protecting consumer....	61.0	65.1	60.7	56.7	74.7	65.3	63.6	61.5	60.5	58.3	60.3	57.1	55.2	76.3	72.5
increase fed military spending..	33.1	36.4	33.1	29.2	26.2	36.7	34.2	35.4	29.8	31.1	28.8	29.6	28.1	30.4	20.4
live together before marriage...	57.3	58.0	55.2	59.4	58.4	58.0	58.0	56.3	59.6	44.7	54.0	60.1	57.0	58.8	57.8
man not entitled to sex on date.	75.3	72.0	75.6	78.6	70.6	72.0	71.6	74.8	76.3	79.2	73.1	78.4	79.4	68.2	74.0
marijuana should be legalized...	22.8	21.4	22.4	24.7	24.0	21.0	24.7	21.6	26.7	19.4	21.6	24.9	24.0	26.8	20.2
no endow investment in S Africa.	51.4	48.1	51.3	55.4	62.0	48.3	46.4	48.8	57.1	51.8	51.8	54.6	58.2	54.8	72.1
nuclear disarmament attainable..	59.5	60.5	59.6	58.3	62.9	60.2	62.3	59.9	59.4	58.6	58.9	59.1	55.6	63.1	62.8
only volunteers in Armed Service	52.7	52.4	53.3	52.3	62.5	52.3	53.2	53.6	54.6	52.0	50.1	52.7	50.8	62.5	62.6
prohibit homosexual relations...	59.7	65.4	61.0	51.3	60.2	65.0	69.0	65.3	51.8	59.9	58.3	53.1	45.2	62.3	57.2
raise taxes to reduce deficit...	32.0	28.0	31.6	37.0	27.1	28.0	28.1	30.8	34.1	32.4	29.5	36.9	37.5	25.7	29.1
sex OK if people like each other	65.1	66.1	63.3	66.4	62.8	66.5	63.4	64.9	66.6	52.3	62.5	67.7	62.1	61.4	64.7
too much concern for criminals..	72.7	74.9	72.0	71.1	61.1	75.3	71.7	73.4	69.5	71.1	70.3	71.8	68.8	58.5	64.7
women's activities best in home.	32.1	37.9	31.2	27.0	39.9	37.7	40.0	32.1	29.1	30.0	32.3	27.3	25.8	46.3	31.1
Permission to Use Student I.D.															
yes.............................	76.3	73.3	77.4	78.3	78.3	72.7	78.5	78.3	77.4	78.6	68.0	80.2	70.4	81.7	71.0
no..............................	23.7	26.7	22.6	21.7	21.7	27.3	21.5	21.7	22.6	21.4	32.0	19.8	29.6	18.3	29.0

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1988 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High school															
1988	93.6	86.5	97.2	98.6	95.6	85.3	94.6	97.0	97.7	96.8	98.2	98.6	99.0	95.1	96.5
1987	1.9	3.0	1.6	0.9	2.7	3.0	3.2	1.7	1.5	1.5	1.0	0.9	0.7	3.0	2.2
1986	0.7	1.4	0.3	0.2	0.6	1.5	0.5	0.4	0.2	0.3	0.3	0.2	0.1	0.7	0.5
1985 or earlier	2.0	4.7	0.6	0.2	0.8	5.3	0.9	0.7	0.3	0.8	0.4	0.3	0.1	1.0	0.5
H.S. equivalency (G.E.D. test)	1.6	4.0	0.3	0.0	0.2	4.5	0.7	0.3	0.2	0.5	0.1	0.1	0.0	0.2	0.2
never completed high school	0.2	0.5	0.0	0.0	0.0	0.5	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1
Age on December 31, 1988															
16 or younger	0.1	0.2	0.0	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	3.0	3.2	2.6	3.4	4.6	3.3	2.3	2.3	3.7	2.4	2.6	3.1	4.3	4.0	5.8
18	76.1	69.1	79.6	81.2	75.5	68.7	71.8	80.2	79.9	76.5	80.0	81.0	81.7	73.1	79.5
19	15.8	16.1	16.1	14.6	17.0	15.3	22.3	15.6	15.1	18.8	16.2	14.9	13.3	19.6	12.6
20	1.3	2.4	0.8	0.5	1.6	2.4	2.0	0.8	0.8	0.9	0.6	0.5	0.4	1.8	1.2
21-24	1.3	3.1	0.4	0.2	0.9	3.4	0.7	0.4	0.3	0.4	0.3	0.2	0.1	1.2	0.6
25-29	0.9	2.2	0.2	0.1	0.1	2.5	0.1	0.2	0.1	0.3	0.1	0.1	0.0	0.1	0.1
30-39	1.2	2.9	0.3	0.0	0.1	3.3	0.5	0.3	0.1	0.5	0.0	0.1	0.0	0.2	0.0
40-54	0.3	0.7	0.1	0.0	0.0	0.8	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.0
55 or older	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)(2)															
White/Caucasian	81.9	81.7	81.0	83.6	1.6	80.8	87.9	79.4	80.8	83.3	87.4	83.5	83.9	2.1	0.8
Black/Negro/Afro-American	10.7	8.1	15.0	7.2	97.8	8.4	6.5	17.5	13.3	14.2	3.8	7.7	5.3	96.9	99.3
American Indian	0.8	0.7	0.9	0.9	1.3	0.7	0.9	0.9	0.9	0.9	0.8	1.0	0.7	1.0	1.8
Asian-American/Oriental	2.5	1.7	1.6	5.4	0.3	1.8	1.1	1.1	3.2	1.3	2.0	4.9	7.3	0.4	0.1
Mexican-American/Chicano	2.0	2.6	1.2	2.5	0.1	2.7	2.2	0.9	0.6	0.7	4.6	2.7	1.7	0.1	0.1
Puerto Rican-American	1.5	3.2	0.6	0.6	0.4	3.5	0.7	0.5	1.1	0.2	1.2	0.5	1.0	0.4	0.3
other	2.2	3.1	1.5	2.0	1.1	3.3	1.8	1.3	2.3	1.0	2.4	1.8	2.7	1.1	1.2
Average High School Grades															
A or A+	12.1	5.5	12.5	21.5	4.7	5.8	3.6	10.8	14.9	16.2	11.4	19.7	28.8	3.0	7.6
A-	13.7	8.2	14.5	20.5	5.2	8.7	5.1	12.9	16.5	16.5	17.0	19.5	24.3	3.3	8.4
B+	20.1	18.0	20.5	22.3	13.3	19.0	11.3	19.8	21.1	20.8	24.1	22.3	22.3	10.5	18.0
B	26.0	29.1	25.6	22.0	22.4	30.0	22.6	26.6	23.4	23.7	27.3	23.4	16.9	21.8	23.6
B-	12.7	16.1	12.4	8.1	17.5	16.0	16.6	13.2	12.0	10.9	10.8	8.8	5.3	17.9	16.8
C+	9.8	14.2	9.3	3.9	21.0	13.1	21.7	10.8	7.9	7.5	6.2	4.4	1.8	23.8	16.1
C	5.4	8.4	5.0	1.6	15.1	7.0	18.0	5.8	4.2	4.3	3.2	1.8	0.6	18.6	9.2
D	0.3	0.6	0.2	0.0	0.8	0.5	1.1	0.2	0.1	0.1	0.1	0.0	0.0	1.2	0.2
Have Met or Exceeded Recommended Years of Study in (3)															
English (4 years)	95.2	92.3	96.1	98.3	96.5	91.9	95.3	95.0	98.3	96.3	97.8	98.1	98.9	95.7	98.0
mathematics (3 years)	90.3	84.3	91.9	96.6	88.3	83.9	86.9	90.5	94.8	92.0	94.2	96.1	98.5	85.4	93.2
foreign language (2 years)	80.3	71.8	80.9	91.9	67.5	72.0	70.5	76.0	91.0	81.2	90.6	90.7	96.9	60.4	79.7
physical science (2 years)	43.8	37.8	43.9	52.6	32.9	38.4	33.7	40.7	50.6	45.2	47.7	51.4	57.2	31.9	34.7
biological science (2 years)	36.3	32.2	37.6	40.4	30.9	32.4	30.8	37.6	37.5	38.2	36.7	40.6	39.5	28.2	35.5
history/American gov't (1 year)	99.0	98.4	99.3	99.5	99.0	98.4	98.4	99.2	99.5	99.2	99.4	99.5	99.6	99.2	98.6
computer science (1/2 year)	53.8	50.3	56.0	55.3	48.5	51.0	45.2	56.4	54.5	54.8	59.2	54.1	59.8	44.4	55.3
art or music (1 year)	70.6	70.6	70.2	71.5	68.2	70.8	69.1	67.2	75.0	74.5	71.9	71.0	73.4	69.0	66.8

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	4.3	6.4	3.9	2.2	13.0	6.9	3.1	4.5	2.5	4.0	2.7	2.3	1.5	15.3	9.5
$6,000 - $9,999	3.4	4.6	3.2	2.2	7.5	4.7	4.3	3.4	2.5	3.5	3.0	2.4	1.3	7.6	7.3
$10,000 - $14,999	6.0	7.8	5.6	4.0	10.6	7.9	7.0	5.9	4.8	6.2	5.0	4.3	2.8	10.4	10.9
$15,000 - $19,999	6.0	7.3	6.0	4.3	10.8	7.3	7.0	6.4	4.8	6.3	5.4	4.6	3.0	11.5	9.8
$20,000 - $24,999	7.3	8.6	7.2	5.7	9.3	8.7	7.9	7.3	6.3	8.3	6.9	6.1	4.2	8.8	10.1
$25,000 - $29,999	7.3	8.5	7.3	5.7	9.1	8.6	7.7	7.6	6.1	7.6	6.9	6.0	4.4	9.8	8.1
$30,000 - $34,999	9.1	9.9	9.3	7.6	8.2	10.0	9.2	10.1	7.3	9.4	7.9	8.0	6.1	7.7	8.9
$35,000 - $39,999	9.0	9.4	9.2	8.0	6.5	9.6	8.2	9.9	8.0	8.7	8.5	8.4	6.6	6.4	6.6
$40,000 - $49,999	12.0	11.9	12.2	11.8	7.3	12.1	10.2	13.1	10.6	11.4	10.7	12.4	9.5	6.7	8.3
$50,000 - $59,999	11.1	10.0	11.4	12.1	6.7	10.1	9.3	12.0	10.5	10.5	10.9	12.4	10.9	6.6	6.8
$60,000 - 74,999	10.1	7.3	10.7	13.1	6.0	7.1	8.5	10.6	11.4	9.6	11.6	13.2	13.0	5.2	7.3
$75,000 - 99,999	6.3	4.1	6.2	9.5	2.9	3.8	6.5	5.3	8.3	6.0	7.8	8.9	11.9	2.3	3.8
$100,000 - 149,999	4.2	2.4	4.1	6.9	1.2	1.9	5.0	2.5	7.6	4.2	6.3	5.8	11.2	1.1	1.5
$150,000 or more	4.0	2.0	3.8	6.9	0.8	1.4	6.1	1.6	9.3	4.2	6.3	5.2	13.6	0.6	1.2
Status of Parents															
living with each other	70.8	67.9	71.6	73.8	42.9	67.4	71.4	70.6	70.3	73.2	78.1	72.8	77.7	43.2	42.5
divorced or separated	23.2	24.0	23.2	22.1	47.4	24.2	23.1	23.9	24.7	22.2	17.1	23.0	18.4	46.8	48.4
one or both deceased	6.0	8.0	5.2	4.2	9.7	8.4	5.5	5.5	5.0	4.6	4.8	4.2	3.9	10.1	9.0
Number of Older Brothers															
none	51.3	45.3	53.5	56.3	51.3	45.1	46.4	53.5	54.9	54.6	48.5	56.1	57.3	49.8	53.9
one	31.6	34.6	30.3	29.2	28.3	34.5	35.2	30.2	30.8	29.8	30.7	29.3	28.9	29.0	27.2
two	10.7	12.0	10.3	9.7	11.3	12.0	11.7	10.2	9.7	10.1	12.3	9.8	9.7	12.0	10.1
three or more	6.4	8.1	5.9	4.7	9.1	8.4	6.7	6.1	4.6	5.5	8.4	4.8	4.1	9.2	8.8
Number of Older Sisters															
none	54.9	49.6	57.2	58.5	53.7	49.4	51.2	56.7	58.8	59.2	53.2	58.2	59.8	52.2	56.2
one	29.5	32.1	27.8	28.4	26.8	32.1	31.5	27.6	28.4	27.7	28.6	28.5	28.0	27.3	26.1
two	10.0	11.3	9.6	8.7	11.1	11.4	10.7	10.0	8.8	8.7	10.8	8.8	8.3	11.0	11.4
three or more	5.7	7.0	5.3	4.4	8.4	7.0	6.6	5.8	4.0	4.4	7.4	4.5	3.9	9.6	6.3
Number of Younger Brothers															
none	55.0	51.5	56.6	57.3	57.7	50.7	56.7	56.8	57.1	56.3	54.0	57.3	57.2	58.1	56.9
one	34.8	35.8	34.3	34.1	31.1	36.0	34.6	34.3	34.1	34.2	34.6	34.1	34.1	30.3	32.3
two	8.0	9.8	7.2	7.0	9.0	10.2	6.9	6.9	7.2	7.6	8.6	7.0	7.1	9.3	8.5
three or more	2.2	3.0	2.0	1.6	2.3	3.1	1.8	2.0	1.6	1.8	2.9	1.6	1.6	2.2	2.4
Number of Younger Sisters															
none	57.7	54.3	59.0	60.2	57.0	53.6	59.7	58.8	60.0	59.7	56.1	60.4	59.6	56.4	58.0
one	32.1	34.0	31.1	30.9	30.6	34.5	30.5	31.2	31.0	30.5	32.2	30.8	31.1	31.0	29.9
two	7.7	8.2	7.7	6.9	8.7	8.4	7.0	7.7	7.1	7.8	8.6	6.8	7.4	8.5	9.1
three or more	2.6	3.4	2.2	2.0	3.7	3.5	2.9	2.3	1.8	2.0	3.1	2.0	1.9	4.1	3.1
Twin Status															
no	98.2	98.1	98.2	98.5	97.8	98.1	98.1	98.3	98.0	98.3	98.3	98.5	98.5	97.9	97.7
yes - identical	0.7	0.9	0.7	0.5	0.8	0.9	0.9	0.6	0.7	0.6	0.7	0.5	0.6	0.7	0.9
yes - fraternal	1.0	1.0	1.1	1.0	1.4	1.0	1.0	1.1	1.3	1.1	1.0	1.0	0.9	1.4	1.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

						2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
attended a religious service....	84.5	82.7	86.7	83.5	91.6	82.2	86.6	86.6	82.0	90.8	91.1	83.1	85.0	90.1	94.2
cheated on a test in school.....	34.8	34.0	34.8	36.1	34.2	33.9	34.6	36.9	31.5	30.4	36.4	37.5	30.6	32.7	36.7
copied homework from other stdnt	55.6	53.2	56.3	57.9	52.5	52.8	55.9	58.1	52.4	53.0	59.2	59.2	52.8	52.1	53.2
did extra class work/reading (4)	12.6	11.4	12.9	13.9	18.5	11.4	11.9	12.1	14.5	14.4	12.6	13.7	14.7	16.9	21.0
didn't complete homework on time	65.1	62.4	67.4	65.5	66.5	61.2	70.0	67.1	69.0	67.3	65.8	65.5	65.7	64.8	69.4
discussed politics (4)..........	15.5	10.8	16.7	20.6	17.2	10.5	12.5	13.3	23.1	21.1	17.2	18.7	28.1	13.7	23.0
discussed religion (4)..........	23.1	18.6	26.0	25.0	31.1	17.7	24.4	22.4	27.8	36.3	26.9	23.5	31.2	28.3	35.9
discussed sex (4)...............	26.8	24.1	27.8	29.2	30.8	24.0	24.7	28.3	29.7	24.6	26.3	29.4	28.2	30.1	31.8
discussed sports (4)............	29.0	26.2	30.4	30.7	28.7	25.4	31.7	31.1	26.9	31.6	31.6	31.1	29.1	29.3	27.8
drank beer......................	59.5	60.4	56.4	63.4	26.8	60.6	58.7	57.4	58.8	45.0	66.4	63.4	63.3	28.0	24.8
drank wine or liquor............	69.4	68.3	67.6	74.1	42.2	68.5	66.9	68.6	69.6	57.8	75.4	73.8	75.2	40.6	44.9
felt depressed (4)..............	13.2	12.9	13.9	12.5	17.8	12.4	16.6	14.1	13.8	13.8	13.2	12.7	11.4	18.5	16.5
felt overwhelmed (4)............	27.2	20.7	29.6	33.0	24.7	19.4	29.6	27.9	32.2	31.9	30.1	32.7	34.4	22.8	28.0
participated in demonstrations..	37.4	37.2	39.1	34.5	50.0	35.9	46.4	39.8	38.8	37.6	38.6	35.2	31.6	49.8	50.4
smoked cigarettes (4)...........	11.8	16.5	9.6	8.3	3.8	16.2	17.9	9.6	11.8	6.5	10.3	8.4	8.1	4.6	2.6
spoke other language at home (4)	7.1	8.1	5.7	8.2	4.9	8.4	6.6	4.8	8.0	4.4	8.9	7.6	10.5	5.1	4.6
stayed up all night.............	81.1	79.0	81.6	83.3	81.3	78.5	82.3	81.3	82.6	81.0	82.3	83.4	82.9	79.1	85.0
studied with other students.....	88.5	84.1	90.2	92.0	86.6	83.3	89.5	89.8	90.5	90.9	90.9	92.1	92.0	85.4	88.6
tutored another student.........	45.1	36.1	46.3	56.6	46.2	37.3	28.2	44.2	49.7	49.0	48.3	54.7	64.2	41.4	54.2
used a personal computer (4)....	25.1	21.4	27.1	27.3	29.6	21.3	22.4	27.3	27.3	27.3	24.5	26.0	32.2	29.0	30.6
was a guest in teacher's home...	30.5	26.9	33.3	31.2	31.7	25.7	34.6	32.0	35.0	37.6	29.6	30.3	34.6	30.8	33.3
was bored in class..............	93.8	89.0	96.0	97.2	91.5	88.3	93.8	96.1	96.0	95.6	96.5	97.2	97.2	91.2	92.0
won varsity letter in sports....	39.2	32.6	42.2	44.0	33.7	31.2	41.4	41.9	42.1	42.0	44.5	43.7	44.8	34.2	32.8
worked in political campaign....	8.6	5.9	9.9	10.3	15.1	5.6	8.3	9.0	11.2	11.4	10.0	9.7	13.0	13.6	17.5
Racial Comp. of High School															
completely white................	15.5	15.2	17.0	13.5	2.2	15.2	15.3	18.5	12.3	16.9	17.1	13.8	12.4	1.7	3.0
mostly white....................	57.6	56.5	56.2	61.6	27.8	56.6	55.3	52.9	62.6	56.5	63.9	60.4	66.2	26.0	30.7
half white......................	18.9	20.3	18.1	18.2	31.4	20.0	22.6	19.4	16.7	18.2	12.7	18.8	15.7	35.8	24.0
mostly non-white................	6.2	6.0	6.6	5.7	26.0	6.1	5.3	7.1	6.3	6.0	5.1	6.0	4.7	25.4	27.1
completely non-white............	1.8	2.0	2.1	1.0	12.6	2.1	1.5	2.1	2.0	2.4	1.2	1.1	0.9	11.0	15.3
Racial Comp. of Neighborhood															
completely white................	41.6	43.5	41.9	38.2	3.0	42.9	47.1	42.9	37.6	41.8	45.4	38.5	36.7	2.6	3.6
mostly white....................	41.1	39.2	39.0	47.4	15.7	39.3	38.0	36.8	43.7	40.1	42.0	46.9	49.6	15.1	16.6
half white......................	6.2	5.6	6.6	6.4	15.6	5.5	6.3	6.6	7.1	6.4	5.5	6.3	6.8	16.3	14.3
mostly non-white................	6.7	6.9	7.2	5.5	34.7	7.3	4.4	7.9	6.9	6.6	4.3	5.6	4.9	34.2	35.4
completely non-white............	4.5	4.8	5.3	2.6	31.1	4.9	4.2	5.9	4.6	5.1	2.7	2.7	2.0	31.8	30.0
Number of Honors Courses Taken in High School															
none............................	49.9	65.8	46.7	32.3	53.9	65.1	70.6	50.5	38.1	44.3	45.1	35.2	20.8	59.6	44.5
one.............................	12.3	11.2	13.6	11.9	14.9	11.1	11.8	13.3	13.8	13.6	14.5	12.0	11.5	15.7	13.7
two or more.....................	37.8	23.0	39.8	55.8	31.2	23.8	17.6	36.2	48.1	42.2	40.4	52.7	67.7	24.7	41.8
Number of Advanced Placement Courses Taken in HS															
none............................	62.4	77.4	60.2	45.3	66.3	77.2	78.9	64.4	50.6	57.6	58.6	48.1	34.4	70.2	59.9
one.............................	17.0	11.7	18.6	21.8	17.2	11.7	11.2	16.8	21.5	19.5	21.9	21.6	22.4	15.9	19.3
two or more.....................	20.6	10.9	21.3	32.9	16.5	11.1	9.9	18.9	27.9	22.9	19.5	30.2	43.2	13.9	20.8

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Student Rated Self Above Average or Highest 10% in															
academic ability	51.9	32.6	55.4	74.8	37.5	33.3	27.7	51.9	60.8	60.6	57.4	73.1	81.6	29.8	50.2
artistic ability	22.5	18.6	22.9	27.7	15.5	18.1	22.2	19.9	30.7	23.9	23.3	27.0	30.6	14.1	17.8
competitiveness	42.5	34.4	43.0	53.9	36.8	34.1	36.2	42.2	44.7	43.5	42.9	53.1	57.1	33.4	42.4
drive to achieve	61.1	50.5	63.0	73.5	66.0	50.5	50.2	60.7	66.7	65.9	64.5	72.4	78.1	62.6	71.5
emotional health	49.9	43.5	51.4	57.0	53.1	43.2	45.1	50.2	53.7	53.7	50.3	56.3	59.6	50.6	57.2
learn foreign languages	34.6	25.9	35.2	46.4	30.8	26.8	20.0	33.3	39.5	36.2	37.0	44.8	52.5	29.6	32.8
leadership ability	46.5	37.3	48.5	57.0	51.5	36.8	41.0	46.6	52.2	51.2	48.0	56.1	61.0	49.1	55.6
mathematical ability	32.9	22.7	33.9	46.3	23.0	23.3	18.8	33.4	35.1	34.3	34.0	44.9	51.8	18.5	30.3
physical health	48.1	43.3	48.8	54.3	47.6	42.8	46.7	48.2	50.6	48.1	50.4	54.1	55.0	45.7	50.8
popularity	36.8	30.7	37.4	44.9	41.6	30.1	34.5	37.2	39.6	35.7	36.4	44.9	44.9	40.1	44.2
popularity with opposite sex	35.6	31.2	36.1	41.4	42.8	30.7	34.4	36.8	37.5	33.1	34.3	41.7	40.4	43.1	42.3
public speaking ability	27.1	19.9	28.6	35.4	32.9	19.6	21.9	26.8	32.2	31.1	28.4	34.3	39.8	29.9	37.9
self-confidence (intellectual)	41.7	30.9	43.5	54.6	54.9	30.9	31.0	41.4	48.0	47.1	41.3	53.3	59.7	51.5	60.4
self-confidence (social)	38.9	34.0	39.2	45.8	50.4	33.7	36.0	38.3	42.1	40.1	37.8	45.7	46.5	47.7	54.9
writing ability	40.0	30.3	42.1	50.9	40.0	30.1	31.6	39.6	46.8	46.0	41.4	49.5	56.4	37.5	44.0
Prior Credit at This Institution															
no	96.2	95.3	96.7	96.7	94.3	95.4	94.8	96.4	97.1	97.4	96.9	96.7	96.6	93.5	95.6
yes	3.8	4.7	3.3	3.3	5.7	4.6	5.2	3.6	2.9	2.6	3.1	3.3	3.4	6.5	4.4
This College is Student's															
first choice	68.3	69.6	66.4	69.4	47.4	70.4	63.6	64.2	67.1	72.2	69.0	69.3	69.5	44.5	52.2
second choice	23.4	21.6	25.3	22.7	37.2	20.9	27.0	27.4	23.0	21.2	24.0	22.9	22.1	38.5	35.0
third choice	5.4	5.1	5.8	5.3	11.5	4.8	7.0	6.1	6.3	4.6	5.1	5.2	5.7	12.5	9.9
less than third choice	3.0	3.7	2.5	2.6	3.9	3.9	2.3	2.3	3.6	2.0	2.0	2.6	2.8	4.5	2.8
Number of Other Colleges Applied to for Admission This Year															
none	32.5	44.7	26.2	24.8	18.3	46.8	31.0	29.5	19.4	26.6	18.7	28.0	12.0	20.5	14.6
one	16.1	16.6	16.4	14.7	15.0	16.5	17.3	18.2	11.3	16.9	14.8	16.1	9.4	15.6	14.1
two	16.7	14.9	18.5	16.4	20.7	14.3	18.7	19.6	14.8	19.0	18.5	17.2	13.2	21.3	19.7
three	14.6	11.8	16.9	15.1	21.0	11.1	16.5	16.8	16.7	16.3	18.8	14.9	15.9	19.8	22.9
four	8.4	5.9	9.5	10.3	11.4	5.6	8.0	8.1	12.2	9.5	12.7	9.2	14.8	10.6	12.8
five	5.3	3.2	5.9	7.5	6.5	3.0	4.5	4.2	10.2	5.5	8.4	6.2	12.5	5.9	7.6
six or more	6.4	3.0	6.6	11.2	7.0	2.8	4.0	3.6	15.4	6.1	8.2	8.4	22.2	6.3	8.3
Number of Other College Acceptances This Year (5)															
none	14.5	25.6	11.0	7.4	12.4	26.5	20.4	12.6	8.8	9.5	8.5	8.3	4.5	14.8	8.7
one	29.1	32.7	28.5	25.8	25.8	32.7	32.9	31.3	22.1	28.7	25.7	28.3	17.6	27.5	23.2
two	24.5	21.8	26.4	24.6	27.9	21.6	23.3	27.0	24.3	27.1	26.2	25.2	22.5	29.0	26.0
three	17.0	12.7	18.3	19.9	18.2	12.2	15.4	16.9	20.9	18.5	20.7	19.3	21.8	16.0	21.6
four	8.1	4.6	8.6	11.4	8.4	4.6	4.4	7.0	11.8	8.8	10.9	10.1	15.7	6.9	10.7
five	3.7	1.6	4.0	5.5	3.3	1.5	2.5	2.9	6.2	4.4	4.8	4.7	8.3	2.5	4.6
six or more	3.1	0.9	3.2	5.3	4.0	0.9	1.1	2.3	5.8	3.1	3.3	4.0	9.6	3.3	5.1
Student Native English Speaker?															
yes	94.8	92.8	96.8	94.5	98.4	92.5	94.6	97.3	95.1	97.7	94.6	94.8	93.3	98.3	98.6
no	5.2	7.2	3.2	5.5	1.6	7.5	5.4	2.7	4.9	2.3	5.4	5.2	6.7	1.7	1.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR SPENT ON															
None															
studying or doing homework......	0.7	1.1	0.6	0.4	1.0	1.1	0.8	0.7	0.5	0.4	0.4	0.4	0.3	1.3	0.5
socializing with friends........	0.3	0.7	0.2	0.1	0.6	0.7	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.7	0.5
talking w/teacher outside class.	6.2	8.0	5.1	5.2	5.9	8.5	5.1	6.0	4.3	3.8	4.2	5.7	3.3	6.4	5.2
exercising or sports............	5.2	6.3	5.1	3.7	14.1	6.3	6.2	5.5	4.7	4.9	3.4	3.9	2.9	15.7	11.5
partying........................	13.9	14.4	14.8	11.7	16.1	14.3	15.3	13.7	14.2	21.7	10.5	12.0	10.9	15.9	16.5
working (for pay)...............	25.5	24.2	26.1	26.4	29.5	24.4	22.7	23.3	31.2	30.4	24.5	24.4	34.2	27.9	32.0
volunteer work..................	56.2	59.9	55.1	52.7	56.3	60.2	57.8	58.6	51.4	50.5	49.5	55.0	43.9	58.2	53.4
student clubs and groups........	24.1	33.1	20.7	17.0	24.1	34.1	27.0	23.2	17.6	16.1	19.0	18.6	10.8	28.0	17.9
watching TV.....................	5.3	3.8	5.6	6.8	3.5	3.6	5.1	4.8	7.6	6.0	5.7	6.4	8.4	3.8	3.2
hobbies.........................	10.3	11.7	9.7	9.2	11.7	12.1	9.0	10.4	8.9	8.3	9.5	9.5	8.3	12.6	10.3
Six or More Hours															
studying or doing homework......	46.2	39.3	47.7	53.9	41.5	38.8	42.2	42.2	56.4	53.0	54.5	51.2	64.3	34.9	51.7
socializing with friends........	77.2	74.2	77.4	81.1	62.9	73.7	77.4	76.5	79.1	76.8	80.2	80.5	83.2	61.1	65.7
talking w/teacher outside class.	9.5	9.7	10.2	8.2	15.1	9.2	12.5	9.4	11.9	10.7	11.0	7.9	9.3	13.5	17.4
exercising or sports............	37.4	34.7	38.0	40.4	24.8	34.1	38.3	36.4	40.9	38.1	42.2	39.5	43.9	22.8	27.9
partying........................	33.8	35.8	31.1	35.3	27.2	35.7	36.8	32.0	32.3	23.7	36.7	35.2	35.4	27.7	26.4
working (for pay)...............	63.5	64.9	63.0	62.4	59.3	64.7	66.4	66.3	57.0	57.1	65.5	64.7	53.4	60.3	57.6
volunteer work..................	5.4	5.3	5.5	5.4	7.8	5.3	5.6	4.7	7.0	6.3	6.2	5.1	6.6	6.4	10.1
student clubs and groups........	17.9	14.0	18.9	21.8	17.8	13.9	14.6	17.0	22.1	20.6	21.1	20.6	26.4	15.3	21.6
watching TV.....................	29.1	31.0	29.4	25.7	42.5	31.0	31.5	30.9	26.0	29.3	27.1	26.4	23.0	41.3	44.5
hobbies.........................	22.8	23.1	23.1	21.7	29.6	22.4	27.4	22.3	26.0	23.6	20.9	21.9	21.2	29.6	29.5
Sixteen or More Hours															
studying or doing homework......	8.3	5.6	8.7	11.7	9.2	5.7	5.0	6.4	13.6	10.3	9.7	10.1	18.3	6.3	13.8
socializing with friends........	34.3	33.5	34.4	35.5	27.2	33.0	36.4	33.8	36.8	32.5	36.4	35.4	35.9	26.2	28.7
talking w/teacher outside class.	1.8	2.1	1.9	1.4	3.2	2.1	2.2	1.7	2.5	1.9	1.9	1.4	1.3	2.7	3.9
exercising or sports............	9.9	9.0	10.5	10.0	7.7	8.6	11.9	10.3	11.0	10.5	11.2	9.8	10.8	7.6	8.0
partying........................	7.0	8.4	6.3	6.3	5.6	8.3	9.3	6.7	6.4	4.6	6.7	6.4	5.8	6.1	4.9
working (for pay)...............	39.0	42.0	38.3	35.6	38.5	42.2	41.0	42.0	32.4	32.9	37.7	37.7	27.3	38.0	39.2
volunteer work..................	1.2	1.3	1.2	1.2	2.6	1.2	2.0	1.0	1.6	1.5	1.3	1.2	1.3	2.2	3.1
student clubs and groups........	4.0	3.3	4.1	4.8	4.3	3.2	3.6	3.6	4.8	4.3	4.7	4.5	5.9	4.0	4.8
watching TV.....................	5.9	6.8	6.1	4.3	15.3	6.8	7.0	6.6	5.1	6.1	4.7	4.4	3.7	15.3	15.3
hobbies.........................	4.9	5.6	5.0	3.9	9.3	5.5	6.4	4.9	5.5	4.8	4.2	3.9	3.9	9.3	9.3
Disabilities															
none............................	86.2	82.7	87.5	89.8	78.5	82.2	86.0	87.7	87.0	86.9	88.0	89.5	90.8	74.7	85.0
hearing.........................	0.7	0.8	0.8	0.5	0.6	0.7	1.1	0.7	0.8	1.0	0.8	0.5	0.6	0.7	0.5
speech..........................	0.2	0.3	0.2	0.1	0.1	0.4	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.2
orthopedic......................	1.0	1.3	1.0	0.7	0.7	1.3	0.9	0.8	1.2	1.2	1.1	0.7	0.8	0.7	0.8
learning disability.............	0.9	1.1	1.1	0.5	0.4	0.7	3.8	0.5	2.7	1.1	1.0	0.4	0.7	0.4	0.4
health-related..................	1.3	1.6	1.3	0.8	2.2	1.6	1.4	1.2	1.5	1.5	1.2	0.8	0.9	2.0	2.5
partially sighted or blind......	1.7	1.6	2.0	1.5	1.5	1.5	2.3	1.8	2.0	2.5	2.1	1.5	1.5	1.3	1.7
other...........................	1.3	1.7	1.3	0.7	1.1	1.6	1.9	1.2	1.2	1.6	1.2	0.7	0.8	1.1	1.1
U.S. Citizen?															
yes.............................	97.7	96.2	98.8	98.4	99.4	96.0	97.6	99.2	97.8	98.8	98.2	98.6	97.6	99.4	99.4
permanent resident..............	0.9	1.8	0.3	0.6	0.1	2.0	0.4	0.3	0.4	0.2	0.4	0.6	0.7	0.1	0.2
no..............................	1.3	2.0	0.9	1.0	0.5	2.0	2.0	0.5	1.8	1.0	1.4	0.8	1.7	0.6	0.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degree Planned Anywhere															
none	1.8	2.9	1.5	0.8	3.2	2.9	2.8	1.8	1.1	1.2	1.1	0.9	0.7	4.1	1.6
vocational certificate	0.7	1.5	0.3	0.1	0.8	1.6	0.6	0.4	0.2	0.3	0.1	0.1	0.0	1.1	0.3
associate (A.A. or equivalent)	4.5	10.6	1.6	0.3	0.9	10.9	8.8	2.1	1.0	1.5	0.7	0.4	0.1	1.2	0.4
bachelor's (B.A., B.S.)	32.3	41.0	29.7	24.0	19.4	41.3	39.6	33.6	22.4	26.7	26.7	26.1	16.2	23.2	13.5
master's (M.A., M.S.)	36.8	29.6	40.9	40.3	38.8	29.1	33.3	40.5	41.4	40.3	43.6	40.2	40.5	40.1	36.9
Ph.D. or Ed.D.	11.4	6.0	13.4	15.7	18.0	5.8	7.2	11.5	17.1	15.6	13.3	15.1	18.2	14.9	22.9
M.D., D.O., D.D.S., D.V.M.	5.9	3.3	5.6	9.9	8.2	3.4	2.8	4.5	7.8	6.8	6.2	9.6	11.1	5.9	12.0
LL.B. or J.D. (law)	4.8	2.8	4.8	7.6	8.0	2.9	2.0	3.5	7.1	5.6	6.7	6.4	11.9	6.6	10.2
B.D. or M.Div. (divinity)	0.3	0.3	0.4	0.2	0.9	0.3	0.1	0.4	0.3	0.5	0.2	0.2	0.2	0.9	0.8
other	1.6	1.9	1.6	1.0	1.8	1.8	2.9	1.8	1.6	1.5	1.4	1.0	1.1	2.1	1.4
Highest Degree Planned at Freshman College															
none	3.7	6.8	2.7	1.3	2.7	7.2	4.0	3.3	1.6	2.3	1.8	1.4	0.9	3.3	1.6
vocational certificate	0.9	2.0	0.4	0.1	0.2	2.1	1.8	0.5	0.2	0.4	0.2	0.2	0.1	0.2	0.1
associate (A.A. or equivalent)	17.9	46.8	4.1	1.1	2.6	44.2	63.8	5.5	1.8	3.5	2.1	1.0	1.2	3.8	0.8
bachelor's (B.A., B.S.)	57.3	33.0	73.1	63.9	65.4	34.5	23.0	67.7	80.5	79.7	77.0	62.2	69.7	59.9	73.5
master's (M.A., M.S.)	14.2	6.7	15.3	22.8	18.5	7.2	3.4	18.0	12.4	10.7	14.9	24.0	18.7	20.0	16.2
Ph.D. or Ed.D.	2.0	0.9	1.6	4.1	3.2	1.0	0.3	1.8	1.4	1.1	1.8	4.4	2.9	3.6	2.6
M.D., D.O., D.D.S., D.V.M.	1.2	0.3	0.6	3.6	1.9	0.4	0.1	0.6	0.5	0.5	0.5	3.8	2.8	1.8	2.0
LL.B. or J.D. (law)	1.0	0.6	0.6	2.3	1.6	0.6	0.3	0.7	0.5	0.5	0.6	2.1	3.0	2.0	1.0
B.D. or M.Div. (divinity)	0.2	0.1	0.3	0.1	1.1	0.0	0.3	0.3	0.2	0.2	0.1	0.1	0.1	1.3	0.7
other	1.7	2.8	1.4	0.7	3.0	2.8	2.9	1.7	0.9	1.2	1.0	0.7	0.7	4.1	1.4
Student's Religious Preference															
Baptist	14.5	12.4	18.8	10.1	62.2	10.9	22.5	22.4	12.4	22.0	2.8	10.6	8.2	66.7	55.2
Buddhist	0.3	0.2	0.2	0.5	0.2	0.1	0.3	0.1	0.5	0.2	0.2	0.5	0.5	0.2	0.2
Congregational	1.2	1.0	1.4	1.2	0.6	0.9	1.3	1.0	2.7	1.5	0.6	1.2	1.0	0.6	0.7
Eastern Orthodox	0.5	0.5	0.4	0.7	0.0	0.5	0.3	0.3	0.6	0.3	0.6	0.6	0.7	0.0	0.0
Episcopal	2.8	2.2	3.0	3.3	1.9	1.9	3.8	2.3	5.5	3.5	1.6	3.0	4.1	1.8	2.1
Islamic	0.2	0.3	0.2	0.3	0.6	0.3	0.1	0.2	0.4	0.1	0.1	0.2	0.5	0.3	1.0
Jewish	3.0	2.6	1.7	5.6	0.2	2.5	3.5	1.2	4.7	0.7	0.3	5.1	7.7	0.2	0.1
LDS (Mormon)	0.2	0.2	0.2	0.4	0.1	0.2	0.1	0.3	0.2	0.2	0.1	0.4	0.2	0.1	0.1
Lutheran	6.3	6.1	6.3	6.3	0.4	5.6	9.4	6.6	3.8	9.9	4.0	7.1	3.3	0.4	0.4
Methodist	9.4	9.5	9.8	8.4	10.5	9.2	11.3	11.2	7.3	11.6	3.1	9.1	5.7	9.1	12.7
Presbyterian	4.5	3.2	4.9	5.6	1.7	2.9	5.1	4.5	5.6	7.3	2.1	5.9	4.7	1.8	1.6
Quaker	0.2	0.2	0.2	0.2	0.0	0.1	0.2	0.1	0.4	0.5	0.1	0.2	0.3	0.0	0.0
Roman Catholic	36.4	43.6	31.1	34.9	6.8	46.3	25.8	31.0	27.5	13.1	74.0	33.2	41.7	5.9	8.3
Seventh-Day Adventist	0.3	0.5	0.3	0.2	0.8	0.6	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.7	0.9
other Protestant	4.6	3.7	5.7	3.9	1.4	3.8	3.3	4.3	6.6	11.2	2.0	4.1	3.4	1.2	1.7
other religion	6.1	6.9	6.4	4.5	7.8	6.9	7.1	5.7	7.2	9.7	2.7	4.7	3.9	6.6	9.7
none	9.6	7.1	9.3	13.9	4.8	7.3	5.7	8.6	14.4	8.1	5.4	14.0	13.9	4.3	5.5
Student Born-Again Christian?															
no	75.7	76.3	71.4	82.0	54.3	78.0	65.6	71.1	77.0	55.9	89.6	81.4	84.4	54.8	53.7
yes	24.3	23.7	28.6	18.0	45.7	22.0	34.4	28.9	23.0	44.1	10.4	18.6	15.6	45.2	46.3

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Arts and Humanities															
arts	2.3	1.7	2.9	2.3	0.7	1.0	6.1	1.8	6.9	1.7	3.4	2.5	1.8	0.7	0.6
English	1.6	0.7	2.0	2.1	1.5	0.7	0.5	1.2	3.8	2.6	2.3	1.8	3.3	1.1	2.1
history	0.5	0.2	0.8	0.7	0.3	0.2	0.3	0.5	1.3	1.0	0.9	0.5	1.4	0.2	0.4
journalism	1.9	1.2	1.6	3.7	1.8	1.1	1.6	1.4	2.0	1.7	1.6	3.7	3.6	1.2	2.6
language or literature	0.9	0.5	1.0	1.4	0.2	0.5	0.4	0.7	1.8	1.4	1.1	1.3	1.9	0.2	0.3
music	0.9	0.6	1.1	1.0	0.8	0.3	2.3	1.0	0.9	1.8	0.6	0.8	1.4	1.0	0.6
philosophy	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.3	0.2	0.2	0.1	0.3	0.0	0.1
speech	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.3	0.3	0.1
theater or drama	0.8	0.5	0.9	1.0	0.7	0.5	0.6	0.6	1.8	0.9	0.7	0.9	1.4	0.9	0.4
theology or religion	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.5	0.1	0.0	0.1	0.0	0.0
other humanities	1.0	1.4	0.7	1.1	0.3	1.5	0.9	0.5	1.1	0.6	1.3	1.0	1.2	0.2	0.4
Biological Sciences															
general biology	1.7	0.8	2.0	2.5	2.1	0.9	0.5	1.5	2.7	2.5	3.0	2.4	3.2	0.9	3.9
biochemistry or biophysics	0.4	0.2	0.4	0.7	0.3	0.2	0.0	0.3	0.6	0.3	0.5	0.7	0.9	0.1	0.5
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.4	0.2	0.5	0.5	0.1	0.3	0.2	0.6	0.4	0.6	0.6	0.5	0.3	0.0	0.2
microbiology or bacteriology	0.2	0.2	0.2	0.4	0.1	0.2	0.0	0.2	0.2	0.2	0.2	0.4	0.2	0.1	0.1
zoology	0.3	0.3	0.2	0.5	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.6	0.1	0.2	0.3
other biological sciences	0.5	0.5	0.4	0.7	0.2	0.5	0.4	0.3	0.5	0.5	0.4	0.7	0.5	0.2	0.0
Business															
accounting	6.4	7.2	6.7	4.8	8.0	7.9	3.0	7.9	4.2	5.1	6.9	5.0	4.2	8.6	7.1
business administration	6.5	8.3	5.7	5.2	11.8	8.7	5.4	6.4	4.1	5.2	5.7	5.4	4.6	14.9	7.1
finance	1.2	0.7	1.2	1.8	1.3	0.7	0.5	1.2	1.3	0.7	1.5	1.7	2.2	1.3	1.4
marketing	2.8	2.2	3.0	3.1	2.1	1.9	4.4	3.2	3.0	1.7	3.9	3.1	3.2	2.3	1.9
management	4.0	4.8	4.0	2.9	5.1	4.6	6.2	4.3	3.7	3.2	4.1	3.0	2.7	6.0	3.5
secretarial studies	1.5	3.6	0.6	0.1	0.3	3.6	3.7	0.7	0.5	0.5	0.1	0.1	0.0	0.4	0.2
other business	1.6	1.9	1.4	1.6	1.6	1.7	3.0	1.4	1.4	1.0	2.2	1.5	2.1	2.3	0.4
Education															
business education	0.3	0.4	0.4	0.1	0.9	0.3	0.7	0.5	0.3	0.3	0.1	0.1	0.1	1.2	0.4
elementary education	8.5	10.0	10.1	3.6	4.9	10.1	9.5	11.6	6.0	10.4	8.3	4.0	2.1	5.9	3.2
music or art education	0.4	0.2	0.7	0.3	0.2	0.1	0.6	0.8	0.5	0.9	0.5	0.3	0.2	0.3	0.2
physical education or recreation	0.7	0.9	0.8	0.3	0.3	0.8	1.2	0.9	0.3	1.1	0.7	0.3	0.2	0.4	0.1
secondary education	2.0	2.0	2.4	1.6	1.3	2.0	1.4	2.6	1.4	3.2	1.8	1.8	0.9	1.5	0.8
special education	1.1	1.0	1.5	0.6	0.7	1.0	0.7	1.7	0.8	1.6	1.1	0.6	0.5	0.9	0.4
other education	0.9	1.6	0.6	0.3	0.4	1.7	1.0	0.7	0.4	0.7	0.4	0.3	0.2	0.5	0.2
Engineering															
aeronautical/astronautical eng.	0.5	0.5	0.4	0.7	0.4	0.6	0.3	0.3	1.0	0.2	0.1	0.8	0.4	0.1	0.9
civil engineering	0.2	0.2	0.2	0.4	0.3	0.2	0.0	0.2	0.3	0.1	0.1	0.4	0.5	0.1	0.5
chemical engineering	0.4	0.2	0.3	0.7	0.7	0.3	0.0	0.3	0.4	0.1	0.2	0.7	0.8	0.2	1.5
electrical engineering	0.6	0.6	0.4	0.8	1.5	0.6	0.4	0.4	0.8	0.2	0.2	0.8	0.9	0.8	2.5
industrial engineering	0.1	0.1	0.1	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.3	0.2	0.0	0.1
mechanical engineering	0.3	0.1	0.2	0.5	0.4	0.1	0.2	0.2	0.4	0.1	0.1	0.5	0.6	0.1	0.8
other engineering	0.5	0.5	0.4	0.8	0.6	0.5	0.7	0.4	0.5	0.4	0.1	0.7	1.3	0.0	1.5

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Insti-tutions	All 2-Year Colleges	All 4-Year Colleges	All Uni-versities	Predom-inantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Prot-estant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Physical Sciences															
astronomy	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0
atmospheric science	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
chemistry	0.5	0.2	0.6	0.7	0.3	0.3	0.1	0.5	0.8	0.8	0.6	0.7	0.9	0.0	0.8
earth science	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0
marine science	0.1	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0
mathematics	0.6	0.4	0.8	0.7	0.9	0.4	0.0	0.7	0.8	0.9	0.9	0.6	0.8	0.8	1.0
physics	0.1	0.0	0.1	0.3	0.1	0.0	0.0	0.1	0.3	0.2	0.1	0.2	0.4	0.1	0.2
statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences	0.1	0.2	0.1	0.1	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.1	0.1	0.0	0.0
Professional															
architecture	0.6	0.8	0.2	0.8	0.2	0.6	2.2	0.2	0.4	0.3	0.2	0.8	0.9	0.0	0.5
home economics	0.6	0.8	0.5	0.5	0.8	0.9	0.1	0.6	0.3	0.4	0.6	0.6	0.1	1.2	0.1
health technology	1.4	2.0	1.1	1.0	1.0	2.1	1.1	1.4	0.6	0.7	0.7	1.1	0.6	0.6	1.6
library science	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0
nursing	4.4	6.8	3.3	2.8	4.1	7.2	3.8	4.1	1.1	3.5	3.0	2.9	2.1	3.5	5.1
pharmacy	1.2	0.9	1.1	1.8	0.4	0.9	0.7	1.6	0.5	0.6	0.3	1.9	1.0	0.3	0.6
premed,predent,prevet	3.0	1.6	2.8	5.3	4.1	1.6	1.3	2.3	3.4	3.3	3.2	5.4	5.2	2.3	6.9
therapy	2.8	2.6	2.6	3.4	0.9	2.5	2.9	3.2	1.3	2.3	2.3	3.8	2.1	0.4	1.6
other professional	1.4	1.6	1.2	1.3	1.1	1.6	1.5	1.3	1.0	1.2	1.4	1.4	1.2	1.0	1.1
Social Sciences															
anthropology	0.2	0.1	0.3	0.3	0.0	0.1	0.0	0.2	0.5	0.2	0.1	0.4	0.2	0.0	0.1
economics	0.3	0.1	0.3	0.6	0.6	0.1	0.0	0.2	0.8	0.3	0.4	0.5	0.9	0.4	1.0
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.3	1.3	3.6	5.4	4.5	1.3	1.2	2.6	5.4	4.6	4.7	4.2	10.1	3.6	5.7
psychology	5.9	4.1	6.9	6.9	8.6	3.8	6.0	6.4	7.2	7.8	7.8	7.1	6.3	9.4	7.4
social work	1.5	1.7	1.7	0.8	2.3	1.7	1.8	1.6	1.5	2.2	1.8	0.9	0.4	2.9	1.5
sociology	0.6	0.5	0.7	0.5	1.2	0.5	0.5	0.6	0.6	0.8	0.6	0.5	0.5	1.3	1.1
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.3	0.2	0.3	0.3	0.6	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.8	0.3
Technical															
building trades	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
data processing	0.8	1.6	0.6	0.2	1.5	1.8	0.4	0.6	0.5	0.6	0.4	0.3	0.1	1.6	1.3
drafting or design	0.2	0.3	0.2	0.2	0.0	0.2	0.8	0.1	0.3	0.1	0.3	0.2	0.1	0.0	0.1
electronics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanics	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
other technical	0.3	0.6	0.1	0.0	0.1	0.6	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0
Other Fields															
agriculture	0.9	1.9	0.2	0.6	0.0	2.1	0.2	0.2	0.1	0.1	0.0	0.7	0.0	0.0	0.1
communications	3.1	2.2	3.6	3.5	4.7	2.2	2.1	3.1	4.3	4.1	3.7	3.4	4.1	4.2	5.4
computer science	1.0	1.1	1.2	0.7	3.5	1.1	0.6	1.3	1.0	1.0	0.8	0.8	0.5	3.8	3.0
forestry	0.1	0.2	0.0	0.0	0.0	0.2	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
law enforcement	1.0	1.5	0.8	0.6	1.7	1.5	1.3	1.0	0.5	0.5	0.9	0.6	0.5	2.1	1.1
military science	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0
other fields	1.4	2.0	1.0	1.0	1.6	1.8	3.6	0.9	1.4	1.1	1.3	1.0	0.7	1.8	1.1
undecided	7.6	6.0	7.8	9.5	2.7	5.5	9.0	7.5	8.5	7.8	8.1	9.6	9.4	2.3	3.3

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	6.4	7.4	6.7	4.7	8.7	8.0	3.3	7.8	4.3	5.1	6.9	4.9	4.0	10.0	6.6
actor or entertainer	1.1	0.6	1.3	1.4	1.6	0.5	1.3	0.9	2.5	1.1	1.0	1.3	1.8	1.7	1.4
architect	0.8	1.2	0.3	0.9	0.3	1.0	2.6	0.3	0.6	0.3	0.2	0.9	1.1	0.1	0.7
artist	1.8	1.4	2.3	1.5	0.6	0.8	4.7	1.6	5.3	1.2	2.2	1.5	1.3	0.7	0.3
business (clerical)	1.6	3.5	0.9	0.3	1.2	3.6	3.0	1.1	0.5	0.7	0.3	0.4	0.2	1.6	0.7
business (management)	11.0	11.6	10.7	10.5	16.0	11.7	11.1	11.5	9.4	8.6	11.5	10.5	10.8	19.4	10.8
business owner or proprietor	2.4	3.1	2.1	2.1	2.7	2.9	4.1	2.1	2.3	1.7	2.5	2.1	2.3	2.9	2.5
business salesperson or buyer	1.3	1.4	1.3	1.2	1.6	1.3	2.5	1.4	1.2	0.8	2.0	1.3	0.9	2.1	0.8
clergy (minister,priest)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
clergy (other religious)	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.1	0.4	0.1	0.0	0.1	0.0	0.0
clinical psychologist	2.6	1.9	3.0	2.9	3.2	1.9	2.4	2.8	3.0	3.3	3.4	3.0	2.6	2.8	3.8
college teacher	0.3	0.2	0.4	0.4	0.6	0.2	0.2	0.3	0.8	0.5	0.3	0.4	0.6	0.7	0.5
computer programmer or analyst	1.8	2.3	1.8	0.9	5.2	2.5	0.9	2.2	1.3	1.6	1.1	1.0	0.6	5.7	4.3
conservationist or forester	0.2	0.3	0.2	0.2	0.1	0.4	0.2	0.2	0.2	0.2	0.0	0.2	0.1	0.2	0.0
dentist (incl orthodontist)	0.5	0.4	0.5	0.6	0.8	0.4	0.4	0.7	0.3	0.4	0.3	0.7	0.4	0.4	1.4
dietitian or home economist	0.3	0.3	0.2	0.3	0.1	0.3	0.2	0.2	0.1	0.2	0.6	0.4	0.1	0.1	0.1
engineer	2.5	2.1	2.0	3.9	3.9	2.3	1.2	1.9	3.1	1.2	1.1	3.9	3.9	1.2	7.9
farmer or rancher	0.2	0.6	0.1	0.1	0.0	0.6	0.2	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
foreign service worker	1.4	0.6	1.4	2.5	0.2	0.6	0.3	0.8	2.3	2.3	2.1	1.8	5.1	0.0	0.5
homemaker (full-time)	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.0
interior decorator	0.9	1.0	0.9	0.9	0.6	0.5	4.7	0.6	1.3	0.7	1.7	1.0	0.4	1.0	0.1
intepreter (translator)	0.3	0.2	0.4	0.4	0.1	0.2	0.3	0.4	0.5	0.6	0.5	0.4	0.5	0.1	0.2
lab technician or hygienist	0.6	0.9	0.6	0.4	0.3	0.9	0.6	0.7	0.3	0.4	0.4	0.5	0.1	0.3	0.2
law enforcement officer	0.5	0.7	0.5	0.2	0.5	0.7	0.5	0.6	0.2	0.3	0.4	0.3	0.2	0.8	0.1
lawyer (attorney) or judge	5.3	3.4	5.2	8.1	10.1	3.5	2.9	4.3	6.8	5.7	6.9	7.3	11.1	8.8	11.9
military service (career)	0.2	0.1	0.3	0.2	0.4	0.1	0.0	0.5	0.2	0.1	0.1	0.2	0.1	0.3	0.5
musician (performer,composer)	0.8	0.6	1.0	0.9	0.9	0.4	1.3	0.9	0.9	1.4	0.5	0.8	1.1	0.9	0.8
nurse	4.4	6.7	3.4	2.7	4.5	7.2	3.6	4.2	1.0	3.6	3.0	2.9	2.1	4.1	5.1
optometrist	0.3	0.2	0.3	0.3	0.2	0.2	0.1	0.4	0.2	0.2	0.3	0.4	0.2	0.2	0.2
pharmacist	1.3	0.8	1.2	2.0	0.7	0.9	0.7	1.6	0.6	0.8	0.4	2.2	1.2	0.4	1.2
physician	3.5	1.5	3.3	6.9	5.4	1.5	1.0	2.4	4.9	4.4	4.2	6.4	8.6	3.0	9.1
school counselor	0.4	0.3	0.6	0.4	0.3	0.3	0.7	0.5	0.4	0.9	0.5	0.4	0.2	0.2	0.4
school principal/superintendent	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
scientific researcher	1.3	0.8	1.3	2.0	0.3	0.9	0.2	1.2	1.8	1.5	1.1	2.0	2.0	0.1	0.6
social/welfare/recreation worker	2.2	2.6	2.5	1.3	4.0	2.6	2.4	2.5	2.1	2.9	2.6	1.5	0.9	5.0	2.4
statistician	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.3
therapist (phys,occup,speech)	3.4	3.2	3.2	4.0	1.9	3.2	3.3	3.7	1.7	3.1	3.1	4.4	2.6	1.8	2.0
teacher (elementary)	9.7	11.6	11.4	4.1	4.7	11.8	10.3	13.2	6.9	11.6	9.4	4.5	2.6	5.7	3.2
teacher (secondary)	3.6	3.3	4.4	2.6	1.6	3.4	2.7	4.6	3.1	5.7	3.5	2.9	1.7	1.6	1.6
veterinarian	1.1	1.2	0.8	1.3	0.9	1.2	0.8	0.8	1.0	0.7	0.7	1.6	0.3	0.7	1.2
writer or journalist	2.9	1.4	3.1	4.8	3.2	1.4	1.5	2.4	4.4	3.7	3.2	4.7	5.5	2.4	4.3
skilled trades	0.2	0.4	0.2	0.1	0.2	0.4	0.5	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
other career	7.4	8.6	6.9	6.5	6.8	8.3	10.5	6.4	7.8	7.2	7.1	6.7	5.7	6.8	6.7
undecided	12.9	11.3	13.0	15.1	5.4	11.2	12.2	11.6	15.9	13.8	14.3	14.8	16.4	5.7	5.0
Miles from College to Home															
5 or less	8.8	16.1	5.2	4.0	5.8	17.5	6.7	5.5	3.7	4.4	7.6	4.3	3.0	6.0	5.5
6-10	9.7	16.5	5.6	6.3	4.5	18.0	6.3	6.3	3.8	3.8	8.6	6.9	4.2	4.7	4.2
11-50	27.7	36.2	24.8	19.5	11.5	38.1	23.3	29.3	16.1	19.2	24.7	20.2	16.6	13.0	9.0
51-100	15.2	10.6	18.5	16.6	15.5	10.0	14.7	21.0	13.5	16.8	16.4	18.4	9.4	19.1	9.3
101-500	28.2	16.1	33.3	37.9	32.3	14.4	27.6	31.5	36.7	36.9	30.4	38.4	35.7	34.6	28.3
more than 500	10.4	4.5	12.7	15.7	30.4	2.0	21.4	6.5	26.2	18.9	12.4	11.8	31.1	22.6	43.7

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less	4.8	7.3	3.8	2.8	7.5	7.6	5.3	4.1	2.7	3.7	4.6	3.0	2.1	9.0	5.3
some high school	8.0	11.5	7.0	4.4	12.5	11.9	9.1	7.9	5.0	7.0	5.5	4.8	2.9	13.1	11.5
high school graduate	28.0	36.1	27.0	17.7	36.2	37.3	28.2	31.5	19.0	23.2	22.2	19.5	10.4	39.8	30.6
postsecondary other than college	4.8	4.6	5.2	4.2	4.2	4.4	5.9	5.6	4.1	5.0	5.6	4.5	3.2	3.7	5.1
some college	14.6	13.9	15.4	14.4	15.6	13.7	15.0	16.5	12.9	14.8	15.0	15.0	11.7	14.5	17.3
college degree	19.8	15.6	20.5	24.7	12.6	15.0	19.7	19.2	23.5	20.3	22.9	24.7	25.0	11.3	14.5
some graduate school	2.6	1.5	2.9	3.9	1.6	1.4	2.1	2.4	3.6	3.5	3.5	3.6	5.1	1.3	2.1
graduate degree	17.4	9.5	18.1	27.9	9.7	8.6	14.7	12.8	29.2	22.5	20.8	24.9	39.6	7.2	13.4
Father's Occupation (6)															
artist (including performer)	0.9	0.8	0.9	1.0	0.9	0.8	0.7	0.7	1.4	0.8	0.8	1.0	1.2	0.8	1.1
businessman	28.3	24.3	28.3	34.1	13.4	22.7	34.0	25.9	33.5	26.7	34.9	33.2	37.9	12.9	14.1
clergy or religious worker	0.9	0.7	1.3	0.6	1.1	0.5	2.0	0.6	1.4	4.0	0.2	0.6	0.7	0.4	2.2
college teacher or administrator	1.0	0.4	1.1	1.5	1.0	0.4	0.5	0.7	2.0	1.6	0.9	1.3	2.2	0.8	1.2
doctor or dentist	2.3	0.8	2.2	4.6	0.7	0.6	1.9	1.0	4.8	2.7	3.1	3.6	8.4	0.3	1.3
education (secondary)	3.6	2.9	4.1	3.9	3.8	3.0	2.3	4.1	3.9	4.8	3.3	4.0	3.3	3.2	4.7
education (elementary)	0.8	0.6	0.9	0.7	0.6	0.5	1.0	1.0	0.9	0.8	0.9	0.7	0.7	0.4	1.0
engineer	7.9	7.3	7.4	9.5	5.2	7.5	5.9	7.7	7.8	6.5	6.9	9.6	8.9	5.3	4.9
farmer or forester	3.2	4.5	2.7	2.2	1.4	4.5	4.3	3.2	1.2	3.3	2.4	2.5	1.1	2.0	0.4
health professional (non-M.D.)	1.2	1.1	1.2	1.3	1.2	1.2	0.7	1.2	1.2	1.3	0.9	1.4	1.2	1.1	1.3
lawyer	1.7	0.6	1.8	3.2	0.6	0.5	1.7	0.8	3.7	2.0	3.3	2.6	5.5	0.2	1.2
military (career)	1.6	1.2	1.9	1.7	4.5	1.2	1.6	2.3	1.2	2.0	1.3	1.8	1.3	5.2	3.3
research scientist	0.5	0.2	0.5	0.9	0.3	0.2	0.3	0.4	0.8	0.7	0.4	0.8	1.1	0.2	0.4
skilled worker	9.6	11.8	9.4	7.0	9.3	12.2	9.6	11.1	6.4	7.9	7.7	7.6	4.3	9.2	9.4
semi-skilled worker	3.9	4.9	3.8	2.5	6.0	5.1	3.3	4.4	2.5	3.6	2.8	2.8	1.5	6.6	5.1
laborer (unskilled)	3.2	4.2	3.1	2.1	4.5	4.4	3.1	3.5	1.9	2.9	2.8	2.3	1.1	4.8	4.1
unemployed	2.7	3.3	2.6	2.0	7.0	3.6	1.9	2.8	2.2	2.8	2.4	2.1	1.5	6.5	7.7
other	26.7	30.5	26.8	21.3	38.6	31.3	25.2	28.6	23.2	25.6	24.8	22.0	18.1	39.9	36.8
Father's Religious Preference															
Baptist	14.0	12.1	18.0	10.0	61.0	10.5	22.6	21.6	12.1	20.9	2.8	10.6	7.8	65.1	54.9
Buddhist	0.4	0.3	0.3	0.9	0.2	0.2	0.3	0.2	0.6	0.2	0.3	0.8	1.0	0.3	0.2
Congregational	1.2	1.0	1.3	1.2	0.5	0.9	1.2	0.9	2.6	1.5	0.7	1.3	1.0	0.2	1.0
Eastern Orthodox	0.6	0.6	0.5	0.8	0.0	0.6	0.4	0.4	0.7	0.4	0.7	0.8	0.9	0.0	0.1
Episcopal	2.7	2.0	3.0	3.1	1.9	1.7	3.8	2.2	5.7	3.4	1.7	2.9	4.0	1.9	2.0
Islamic	0.3	0.3	0.3	0.4	1.0	0.3	0.1	0.2	0.5	0.2	0.2	0.3	0.7	0.8	1.4
Jewish	3.4	2.8	2.2	6.4	0.1	2.6	3.9	1.6	5.8	0.9	0.6	5.7	9.0	0.2	0.1
LDS (Mormon)	0.2	0.2	0.2	0.4	0.0	0.2	0.1	0.3	0.2	0.2	0.1	0.4	0.2	0.0	0.1
Lutheran	6.6	6.2	6.8	6.7	0.6	5.7	9.3	7.0	4.4	10.2	4.8	7.5	3.9	0.6	0.4
Methodist	9.6	9.7	9.9	8.9	9.2	9.5	11.3	11.2	7.7	11.6	3.6	9.5	6.3	7.6	11.5
Presbyterian	4.9	3.9	5.3	5.9	1.8	3.6	5.4	4.8	6.1	7.6	2.6	6.1	5.1	2.0	1.5
Quaker	0.2	0.1	0.2	0.2	0.0	0.1	0.3	0.1	0.3	0.4	0.1	0.1	0.2	0.0	0.0
Roman Catholic	35.6	42.6	30.4	34.2	5.7	45.4	24.3	29.9	28.2	13.5	70.6	32.5	40.9	4.7	7.2
Seventh-Day Adventist	0.2	0.3	0.2	0.2	0.5	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.4	0.8
other Protestant	4.9	4.3	5.7	4.3	1.5	4.4	3.7	4.5	6.7	10.6	2.5	4.4	3.6	1.6	1.4
other religion	5.1	5.9	5.1	3.8	5.4	5.8	6.6	4.6	5.7	7.9	2.3	4.0	3.1	4.3	6.9
none	10.0	7.8	10.4	12.5	10.4	8.0	6.5	10.4	12.2	10.3	6.1	12.7	12.1	10.5	10.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less	3.6	5.7	2.4	2.4	4.0	5.9	4.0	2.3	2.2	2.4	3.7	2.5	2.1	4.7	2.9
some high school	6.8	10.5	5.5	3.4	10.6	10.8	8.2	6.4	3.8	5.3	3.9	3.7	2.3	12.0	8.3
high school graduate	34.4	42.5	33.1	24.8	32.0	43.7	34.5	38.4	23.2	27.5	30.6	27.0	16.1	36.2	25.4
postsecondary other than college	8.2	8.3	8.6	7.4	5.4	8.2	8.7	9.1	7.4	7.7	9.5	7.5	6.9	4.2	7.2
some college	17.1	14.6	18.3	18.9	21.4	14.0	18.5	18.5	17.4	19.4	17.2	19.2	17.5	20.7	22.6
college degree	17.9	11.8	19.3	24.7	14.4	11.1	15.8	16.2	24.9	22.1	22.1	23.5	29.4	13.7	15.5
some graduate school	2.8	1.3	3.2	4.5	2.4	1.2	1.6	2.3	4.8	4.1	3.4	4.1	6.1	1.9	3.2
graduate degree	9.2	5.5	9.5	13.9	9.8	5.0	8.7	6.7	16.2	11.5	9.6	12.5	19.7	6.6	14.8
Mother's Occupation (6)															
artist (including performer)	1.5	0.9	1.6	2.1	0.5	0.8	1.3	1.1	3.3	1.7	1.4	1.9	2.8	0.5	0.7
businesswoman	14.2	13.5	13.9	15.5	11.6	13.0	17.2	13.6	15.8	13.0	13.8	15.5	15.4	11.6	11.7
business (clerical)	11.7	12.8	11.7	10.1	9.0	13.3	9.6	13.2	9.3	10.1	9.7	10.7	7.7	8.8	9.2
clergy or religious worker	0.1	0.0	0.2	0.1	0.2	0.0	0.2	0.1	0.3	0.3	0.1	0.1	0.2	0.2	0.1
college teacher or administrator	0.4	0.1	0.5	0.6	0.6	0.1	0.3	0.3	1.0	0.6	0.4	0.5	1.2	0.4	0.8
doctor or dentist	0.3	0.2	0.4	0.6	0.2	0.2	0.1	0.3	0.7	0.3	0.5	0.4	1.2	0.1	0.4
education (secondary)	3.5	2.0	4.0	5.1	5.1	1.8	3.0	3.4	5.1	5.1	3.4	4.9	5.8	4.3	6.3
education (elementary)	6.5	4.6	7.3	7.8	8.9	4.4	5.7	6.8	7.9	9.2	6.2	7.6	8.7	8.3	9.9
engineer	0.1	0.1	0.2	0.2	0.3	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.3	0.3	0.4
farmer or forester	0.3	0.5	0.3	0.2	0.1	0.6	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.0
health professional (non.M.D.)	1.8	1.6	1.8	2.3	2.7	1.5	1.8	1.7	2.0	2.0	1.8	2.3	2.2	3.1	2.2
homemaker (full-time)	18.5	20.7	17.1	17.4	7.2	21.1	18.7	15.9	16.8	19.0	22.5	16.7	20.2	7.4	6.9
lawyer	0.2	0.1	0.2	0.4	0.2	0.0	0.5	0.1	0.6	0.3	0.3	0.3	0.8	0.1	0.4
nurse	7.4	7.3	7.4	7.6	7.3	7.5	5.9	7.2	7.1	7.3	9.5	7.7	7.1	6.6	8.2
research scientist	0.1	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.3	0.1
social/welfare/recreation worker	1.3	1.0	1.5	1.4	4.0	1.0	1.1	1.4	2.0	1.6	1.2	1.3	1.6	3.9	4.2
skilled worker	1.8	2.0	1.8	1.7	2.7	1.9	2.2	2.0	1.4	1.6	1.6	1.8	1.1	2.9	2.4
semi-skilled worker	2.4	3.0	2.2	1.8	3.1	3.1	2.1	2.6	1.5	2.1	1.7	2.0	1.2	3.2	3.0
laborer (unskilled)	1.8	2.0	2.0	1.2	1.9	2.1	1.9	2.4	1.2	1.5	1.6	1.4	0.7	1.9	1.8
unemployed	5.8	7.1	5.2	4.8	8.1	7.1	6.7	5.4	5.0	4.5	5.9	4.9	4.5	8.7	7.2
other	20.1	20.4	20.6	18.8	26.0	20.3	21.2	22.0	18.6	19.3	18.2	19.3	17.0	27.2	24.2
Mother's Religious Preference															
Baptist	14.7	12.6	19.0	10.5	63.0	11.0	23.2	22.5	13.0	22.6	3.0	11.1	8.4	67.0	57.0
Buddhist	0.5	0.3	0.3	1.0	0.1	0.3	0.3	0.3	0.7	0.1	0.3	0.9	1.2	0.1	0.0
Congregational	1.3	1.1	1.5	1.4	0.8	1.1	1.5	1.1	3.0	1.6	0.7	1.5	1.3	0.8	0.9
Eastern Orthodox	0.6	0.6	0.4	0.7	0.0	0.6	0.5	0.4	0.7	0.3	0.7	0.7	0.8	0.0	0.0
Episcopal	3.1	2.3	3.4	3.6	2.0	2.1	3.9	2.5	6.3	3.7	2.0	3.4	4.5	1.8	2.3
Islamic	0.2	0.2	0.2	0.3	0.7	0.2	0.1	0.2	0.4	0.2	0.2	0.3	0.5	0.6	0.9
Jewish	3.4	3.0	2.0	6.2	0.1	2.9	3.6	1.5	5.4	0.8	0.5	5.6	8.5	0.0	0.2
LDS (Mormon)	0.3	0.2	0.3	0.4	0.1	0.2	0.1	0.3	0.2	0.2	0.1	0.4	0.3	0.1	0.1
Lutheran	6.8	6.3	7.0	7.0	0.5	5.8	9.2	7.2	4.7	10.6	4.5	7.8	4.0	0.6	0.5
Methodist	10.2	10.1	10.8	9.4	11.4	9.7	12.4	12.1	8.4	12.6	3.7	10.1	6.6	10.0	13.5
Presbyterian	5.3	4.1	5.6	6.6	2.4	3.8	5.8	5.0	6.6	7.9	2.7	6.8	5.7	2.4	2.4
Quaker	0.2	0.2	0.2	0.1	0.0	0.2	0.1	0.2	0.3	0.4	0.1	0.1	0.2	0.0	0.1
Roman Catholic	37.2	43.9	32.0	36.4	6.4	46.7	26.0	31.7	29.1	13.9	73.7	34.6	43.2	5.5	7.9
Seventh-Day Adventist	0.3	0.3	0.3	0.3	0.7	0.4	0.0	0.3	0.3	0.2	0.2	0.3	0.2	0.6	0.9
other Protestant	5.1	4.4	6.0	4.4	1.8	4.5	3.8	4.7	7.1	11.1	2.6	4.6	3.8	1.7	1.8
other religion	5.7	6.5	5.9	4.3	7.4	6.5	6.7	5.4	6.5	9.1	2.5	4.5	3.5	6.3	9.0
none	5.2	3.9	5.0	7.4	2.6	4.2	2.6	4.8	7.2	4.5	2.6	7.4	7.2	2.6	2.5

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Deciding to go to College															
become a more cultured person...	40.7	36.4	41.4	46.1	59.0	35.9	39.6	36.8	50.3	44.8	45.4	44.2	53.7	55.5	64.8
could not find a job............	3.3	5.2	2.6	1.8	7.1	5.6	2.7	3.0	2.1	2.3	1.9	1.9	1.3	8.0	5.7
gain general education..........	65.6	63.7	65.0	69.5	77.1	63.6	64.6	61.9	71.7	66.9	67.6	67.9	75.8	77.4	76.7
get a better job................	82.4	85.7	80.6	80.4	90.4	86.1	83.0	83.6	74.3	77.4	80.2	81.4	76.2	89.9	91.2
improve reading and study skills	42.7	45.9	42.3	38.7	70.4	45.5	48.8	41.6	43.4	42.6	43.5	39.1	37.5	72.5	66.9
learn more about things.........	77.6	76.1	77.2	80.5	80.7	75.8	78.4	75.2	81.8	78.3	77.6	79.8	83.3	79.7	82.4
make more money.................	69.2	74.7	66.3	65.8	83.7	75.2	71.4	71.6	58.3	59.0	63.0	68.1	56.9	83.5	84.1
nothing better to do............	2.4	3.3	2.0	1.7	5.5	3.4	2.8	2.1	1.9	2.1	1.3	1.7	1.7	6.5	3.9
parents wanted me to go.........	19.8	19.2	20.4	19.7	32.8	18.7	22.8	20.3	20.3	21.0	20.0	19.8	19.5	32.8	32.9
prepare for graduate school.....	53.1	51.7	51.0	58.7	74.6	50.7	57.8	50.0	52.9	51.3	53.0	58.1	60.7	72.2	78.6
wanted to get away from home....	10.9	8.6	12.0	12.3	17.5	8.1	12.2	12.4	11.7	11.7	10.0	12.5	11.6	17.9	16.8
Reasons Noted as Very Important in Selecting This College															
advice of guidance counselor....	7.8	9.2	8.0	5.3	11.0	8.9	11.4	8.9	7.6	6.2	7.0	5.3	5.5	12.6	8.7
advice of teacher...............	4.1	4.7	4.2	2.9	6.9	4.5	5.7	4.2	5.1	3.7	3.6	2.8	3.4	7.7	5.5
friend suggested attending......	8.5	9.2	8.8	6.8	10.2	8.8	11.8	9.3	7.1	9.4	7.8	7.0	6.2	11.5	8.1
good academic reputation........	57.7	49.3	58.7	68.2	51.6	49.3	49.7	52.4	67.8	65.1	68.1	65.4	79.1	38.8	70.8
good social reputation..........	22.2	19.3	20.6	29.2	23.6	18.8	22.7	19.3	21.1	23.1	23.7	29.9	26.5	24.7	21.9
graduates get good jobs (7).....	31.8	32.4	31.3	31.7	38.6	33.0	29.2	28.2	35.8	33.4	37.7	29.4	40.6	35.1	43.9
low tuition.....................	22.3	27.1	20.0	19.1	24.6	29.7	10.4	30.6	5.2	7.2	6.4	23.1	3.3	30.1	16.2
not offered aid by first choice.	4.7	3.8	5.0	5.3	8.8	3.9	3.2	5.3	4.2	5.0	4.9	5.6	3.9	9.7	7.4
offered financial assistance....	23.6	20.8	28.3	19.4	36.7	19.7	27.7	22.7	29.9	42.5	35.4	16.8	29.4	36.4	37.3
offers special programs.........	25.0	24.2	26.2	24.0	36.1	23.5	28.7	24.2	31.6	27.3	24.6	23.2	27.4	33.9	39.4
recruited by athletic department	2.6	2.4	3.2	1.8	3.3	2.1	4.8	2.9	2.9	4.6	3.5	1.7	2.5	4.5	1.5
recruited by college rep........	3.4	3.1	4.5	2.0	9.0	2.4	7.8	3.0	4.6	8.8	6.5	1.7	2.7	10.2	7.2
relatives wanted me to come.....	7.9	8.8	7.7	6.8	13.1	8.9	8.1	7.8	7.0	8.4	7.6	6.8	6.8	13.2	13.0
wanted to live near home........	22.2	29.7	20.1	14.8	18.5	31.2	20.0	23.5	12.8	16.8	20.4	15.9	10.3	22.1	13.2
Residence Preferred During Fall Term															
with parents or relatives.......	14.7	25.3	11.4	6.9	14.7	27.2	13.7	12.7	8.7	9.8	12.5	7.5	4.7	15.3	13.7
other private home,apt,room.....	32.0	37.8	29.6	28.9	41.4	38.7	32.2	34.4	24.3	23.3	21.9	31.7	18.3	44.3	37.2
college dormitory...............	39.1	25.4	44.0	47.9	26.7	23.1	39.9	36.6	53.5	54.2	51.7	43.5	64.6	20.8	35.6
fraternity or sorority house....	6.6	4.7	6.5	9.1	4.9	4.3	7.1	7.3	5.4	5.7	5.0	10.1	5.5	5.5	4.0
other campus housing............	5.7	4.2	6.7	6.0	9.3	4.1	5.0	7.0	6.5	5.4	7.2	6.0	6.1	10.7	7.1
other...........................	1.9	2.6	1.8	1.2	3.0	2.7	2.1	2.0	1.5	1.6	1.6	1.3	0.8	3.4	2.4
Residence Planned During Fall Term															
with parents or relatives.......	30.5	55.3	17.4	15.6	11.6	60.5	19.9	22.4	9.5	8.4	19.2	17.4	8.6	12.0	11.0
other private home,apt,room.....	6.5	12.4	2.6	4.4	3.1	13.8	3.1	3.1	2.0	2.1	1.8	5.1	1.7	3.0	3.4
college dormitory...............	60.2	29.2	77.4	76.9	82.9	22.5	74.7	71.7	86.0	88.1	76.7	74.4	86.8	82.4	83.8
fraternity or sorority house....	0.2	0.1	0.3	0.3	0.2	0.1	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.1
other campus housing............	2.0	1.8	2.0	2.5	2.0	1.8	1.7	2.3	2.0	0.9	2.0	2.5	2.5	2.4	1.4
other...........................	0.6	1.2	0.2	0.3	0.2	1.3	0.3	0.2	0.3	0.2	0.1	0.3	0.1	0.1	0.3

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family..............	78.6	67.4	83.6	87.4	74.9	65.2	82.6	81.0	89.2	85.2	86.0	86.4	91.7	70.2	82.9
spouse..........................	1.3	2.2	0.9	0.5	1.4	2.3	0.9	1.0	0.8	1.1	0.6	0.6	0.3	1.8	0.8
savings from summer work........	52.7	43.4	55.5	62.6	31.0	42.8	47.7	53.5	57.3	56.7	62.5	63.2	60.2	29.2	34.0
other savings...................	28.5	23.2	30.2	33.9	20.4	22.9	25.3	29.7	30.6	30.7	32.1	33.7	34.5	20.6	20.1
part-time job on campus.........	20.9	12.9	26.6	23.6	28.7	11.3	24.1	22.6	31.1	32.8	31.6	22.2	29.2	30.0	26.6
other part-time job while at col	24.1	28.8	21.1	21.9	18.0	29.9	21.2	23.8	16.3	16.3	22.9	23.8	14.2	18.0	18.0
full-time job while at college..	2.0	2.8	1.7	1.2	4.4	3.0	1.2	2.2	1.1	1.0	0.7	1.4	0.6	4.8	3.7
Pell Grant......................	17.0	17.9	19.0	12.2	39.9	17.4	22.0	17.9	17.2	24.7	19.3	12.1	12.4	39.5	40.6
Supp Educational Oppty Grant....	3.8	2.8	4.9	3.6	10.6	2.4	5.1	3.4	6.4	7.3	6.8	2.9	6.7	9.3	12.8
state scholarship or grant......	10.0	6.9	12.7	10.2	10.6	5.5	16.5	9.7	13.4	20.1	17.0	10.2	10.4	11.2	9.7
College Work-Study Grant........	7.3	4.1	10.0	7.8	14.0	3.4	8.7	5.5	14.9	16.9	16.2	5.5	16.9	11.7	18.0
other college grant.............	21.5	13.1	29.3	21.4	19.3	11.2	26.4	20.9	34.7	47.3	39.9	17.7	35.9	15.6	25.7
other private grant.............	9.3	5.9	11.4	11.2	8.6	5.3	9.9	8.5	13.7	18.1	12.5	10.1	15.5	6.7	11.7
other govt aid (ROTC,BIA,GI,etc)	1.3	1.3	1.5	1.2	2.5	1.3	1.1	1.7	1.2	1.4	1.1	1.2	1.2	2.6	2.4
Federal Guaranteed Student Loan.	20.5	19.2	23.4	17.5	30.2	18.3	25.1	16.9	30.6	32.9	33.3	14.9	27.9	24.1	40.6
National Direct Student Loan....	2.3	1.6	2.9	2.4	3.9	1.4	2.5	2.2	3.3	4.2	3.7	1.8	4.6	2.3	6.6
other college loan..............	5.4	4.0	6.4	5.9	6.2	3.5	7.8	4.7	8.5	9.1	8.8	5.0	9.8	5.0	8.1
other loan......................	5.6	4.8	6.3	5.5	7.2	4.5	7.4	5.4	7.2	8.0	7.0	5.1	7.0	6.4	8.5
other...........................	3.1	2.6	3.4	3.3	3.7	2.5	3.1	3.2	3.4	4.1	3.6	3.1	3.7	3.4	4.1
Received $1,500 or More From															
parents or family..............	51.7	34.8	57.7	67.8	36.7	31.2	60.4	50.7	72.6	60.9	66.1	64.6	80.7	31.1	46.2
spouse..........................	0.3	0.4	0.3	0.1	0.4	0.4	0.3	0.2	0.3	0.3	0.2	0.2	0.1	0.5	0.2
savings from summer work........	4.7	3.1	5.0	6.8	0.8	2.9	4.1	4.0	6.2	5.4	7.6	6.5	8.3	0.8	0.7
other savings...................	4.4	2.7	4.8	6.2	2.3	2.7	3.3	3.8	6.5	6.0	6.1	5.4	9.4	2.5	2.1
part-time job on campus.........	0.8	0.3	0.8	1.6	1.0	0.2	0.8	0.4	1.3	1.1	1.2	1.0	4.2	0.6	1.9
other part-time job while at col	1.1	1.3	0.9	1.1	0.7	1.3	1.0	0.8	0.9	0.7	1.4	1.1	1.1	0.4	1.1
full-time job while at college..	0.3	0.4	0.3	0.3	0.7	0.5	0.1	0.4	0.2	0.2	0.1	0.3	0.2	0.8	0.7
Pell Grant......................	2.5	2.1	3.2	2.0	8.5	1.9	3.7	2.8	3.2	4.1	3.4	1.9	2.4	7.9	9.5
Supp Educational Oppty Grant....	0.5	0.3	0.6	0.5	1.3	0.3	0.5	0.4	1.0	0.9	0.7	0.3	1.3	1.2	1.5
state scholarship or grant......	1.4	0.5	2.0	1.8	1.3	0.4	1.7	1.2	2.3	3.6	3.9	1.5	3.2	1.4	1.3
College Work-Study Grant........	0.2	0.2	0.2	0.4	0.4	0.2	0.1	0.2	0.3	0.3	0.2	0.3	0.8	0.4	0.4
other college grant.............	8.3	2.2	12.9	9.8	7.6	1.4	8.2	4.6	22.5	26.6	22.0	5.7	25.8	3.7	14.4
other private grant.............	2.0	0.9	2.4	2.9	2.5	0.7	1.8	1.3	4.2	4.1	2.8	2.1	5.9	1.9	3.6
other govt aid (ROTC,BIA,GI,etc)	0.7	0.5	0.9	0.6	1.3	0.5	0.3	1.1	0.7	0.6	0.5	0.6	0.9	1.3	1.3
Federal Guaranteed Student Loan.	7.1	6.3	8.4	6.3	11.1	6.1	7.5	5.3	12.7	12.7	12.2	4.7	12.6	8.1	16.1
National Direct Student Loan....	0.4	0.2	0.5	0.5	0.9	0.2	0.7	0.3	0.8	0.8	0.7	0.3	1.1	0.5	1.4
other college loan..............	2.2	1.3	2.6	2.8	3.0	1.0	3.0	1.6	4.0	3.9	3.7	2.1	5.8	2.6	3.6
other loan......................	2.6	1.7	3.3	3.0	4.2	1.5	3.5	2.4	4.6	4.4	4.0	2.5	5.1	3.7	5.0
other...........................	1.1	0.8	1.3	1.2	1.4	0.7	1.5	1.0	1.8	1.8	1.6	1.0	2.0	1.3	1.5
Concern about Financing College															
no concern......................	32.1	32.1	31.0	34.0	23.7	31.0	39.6	30.8	34.8	28.2	28.7	33.7	35.2	24.2	22.8
some concern....................	51.6	51.6	52.4	50.2	51.8	52.5	45.7	53.4	48.1	53.5	53.3	50.3	49.7	51.6	52.0
major concern...................	16.3	16.3	16.6	15.8	24.6	16.6	14.6	15.8	17.1	18.4	18.0	16.0	15.1	24.2	25.1

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Students Estimate Chances Are Very Good That They Will															
be elected to an honor society..	7.0	4.5	7.8	9.1	13.1	4.3	5.3	6.6	9.5	10.5	7.5	8.4	11.7	9.7	18.2
be elected to student office....	3.3	2.9	3.7	3.3	9.0	2.7	3.5	3.2	4.4	4.3	3.7	3.1	4.2	7.9	10.8
be satisfied with college.......	55.5	51.4	55.3	61.8	41.3	51.2	52.6	51.6	59.7	62.1	57.5	60.1	68.5	36.6	48.7
change career choice............	14.6	10.6	15.0	19.5	8.1	10.3	12.7	13.8	17.1	15.9	16.4	19.3	20.3	8.1	8.2
change major field..............	15.3	11.6	15.6	20.2	10.1	11.4	12.9	15.2	16.9	15.4	16.2	20.3	19.8	10.8	9.1
drop out permanently............	0.7	1.0	0.6	0.4	1.7	1.0	1.1	0.7	0.7	0.4	0.5	0.4	0.4	2.2	1.0
drop out temporarily............	0.9	1.2	0.9	0.6	1.7	1.2	1.3	0.9	1.1	0.9	0.7	0.6	0.7	2.2	1.0
fail one or more courses........	1.3	1.4	1.3	1.0	2.2	1.5	1.1	1.5	1.1	1.0	0.8	1.0	0.7	2.9	1.1
find job in own field...........	73.4	73.0	73.6	73.5	71.8	73.6	69.5	75.3	69.4	73.3	72.4	73.8	72.5	70.6	73.8
get bachelor's degree...........	72.1	58.9	77.1	82.9	74.5	59.4	55.7	75.4	80.2	78.8	77.8	82.0	86.3	69.7	81.9
get job to pay college expenses.	38.3	36.5	38.5	40.6	29.7	38.0	27.2	37.6	37.9	41.1	41.0	40.5	41.0	28.7	31.3
get tutoring in some courses....	14.9	14.1	15.4	15.3	29.6	13.1	20.2	15.8	15.0	14.7	14.7	16.1	12.1	26.9	33.7
graduate with honors............	10.8	8.3	11.6	12.9	18.8	8.3	8.0	10.5	13.3	13.7	11.0	12.2	15.5	15.7	23.7
join social frat or sorority....	20.0	12.9	21.4	27.7	26.3	12.2	17.6	20.2	22.6	24.2	21.2	27.4	28.8	23.6	30.4
make at least "B" average.......	41.3	37.9	40.4	48.0	40.2	38.8	31.8	37.4	44.1	44.6	43.8	46.6	53.2	35.1	48.3
marry while in college..........	5.6	6.5	5.6	4.4	4.2	6.7	5.6	6.3	3.8	6.1	4.0	4.9	2.7	4.3	4.0
marry within a year after coll..	18.7	19.5	19.8	15.5	15.2	19.4	19.8	21.0	16.4	21.4	17.1	16.4	12.2	14.5	16.2
need extra time for degree......	7.5	7.4	7.0	8.4	9.8	7.1	9.4	8.0	5.3	6.0	6.3	9.2	5.2	10.5	8.6
participate in student protests.	5.9	3.9	6.7	7.5	12.5	3.8	4.8	5.1	10.1	8.0	6.3	6.8	10.1	11.4	14.3
play varsity athletics..........	10.7	9.6	12.7	8.7	10.8	8.7	15.8	10.4	15.2	16.0	15.2	8.1	11.1	11.6	9.6
seek individual counseling......	4.3	4.4	4.6	3.9	9.3	4.2	5.4	4.3	5.0	4.9	5.0	3.9	4.0	9.8	8.6
seek vocational counseling......	5.7	4.4	5.6	7.8	7.6	4.4	4.4	4.8	6.8	6.8	6.2	7.5	8.9	7.1	8.3
transfer to another college.....	12.7	18.6	11.3	6.2	13.5	18.5	19.8	13.3	8.5	9.9	7.9	6.7	4.3	14.5	11.9
work at outside job.............	22.8	27.7	19.7	21.0	13.5	29.3	17.6	21.8	15.5	16.6	21.5	22.1	16.8	13.5	13.7
work full-time while attending..	3.6	5.1	2.9	2.4	5.7	5.5	3.0	3.3	2.2	2.5	2.4	2.7	1.5	6.7	4.1
Objectives Considered to be Essential or Very Important (7)															
achieve in a performing art.....	11.3	9.5	12.2	12.2	13.3	9.1	12.2	10.7	15.8	13.7	11.1	11.7	14.2	13.0	13.7
be authority in my field........	70.6	67.5	70.8	75.0	81.5	67.3	68.5	71.6	70.8	68.9	69.2	75.4	73.7	80.6	82.9
be expert on finance/commerce...	20.8	22.6	19.8	19.9	37.4	22.9	20.6	21.4	17.5	16.7	19.8	20.2	18.5	40.7	32.5
be successful in own business...	48.2	51.9	45.8	47.0	67.3	51.2	56.5	46.6	47.5	40.5	46.5	47.8	44.2	68.6	65.3
be very well off financially....	69.7	73.3	67.1	69.1	86.3	73.5	72.2	71.3	62.8	57.9	66.0	70.6	63.4	85.6	87.5
create artistic work............	13.0	12.5	13.0	13.6	11.6	11.3	19.7	10.7	19.7	12.4	14.0	13.5	14.2	12.8	9.7
develop philosophy of life......	51.4	46.7	53.1	55.5	66.8	46.1	50.5	50.6	58.2	55.0	53.9	54.1	60.6	66.7	66.8
get married.....................	68.4	66.5	69.4	69.6	55.8	66.1	68.8	69.3	67.5	70.4	73.0	69.2	71.2	54.7	57.6
have admin responsibility.......	37.3	38.0	36.4	37.7	53.1	38.4	35.9	39.2	32.4	31.6	35.8	38.3	35.5	55.5	49.4
help others in difficulty.......	65.0	63.4	66.7	64.5	73.7	62.9	66.6	65.6	66.7	70.3	67.1	63.9	66.9	71.7	76.7
influence political structure...	14.2	11.4	14.7	17.4	27.2	11.2	12.8	13.2	17.8	15.7	15.9	16.4	21.3	26.4	28.4
influence social values.........	40.7	37.4	42.5	42.2	52.4	36.6	42.6	40.5	44.3	46.5	44.7	41.6	44.3	50.3	55.7
join org like Peace Corps/VISTA.	8.0	6.7	8.3	9.3	11.1	6.4	8.5	6.4	12.2	9.7	10.0	8.8	11.6	11.2	11.0
keep up to date with politics...	29.4	20.7	30.7	39.6	37.6	20.2	23.9	26.3	39.3	34.1	34.0	36.8	50.0	34.4	42.5
obtain recog from colleagues....	53.6	50.5	53.6	58.2	62.4	50.7	49.1	54.5	54.5	48.3	55.9	58.6	56.4	61.4	64.1
participate in community action.	24.2	20.1	25.9	27.4	40.4	19.3	25.0	23.7	29.3	28.8	26.6	25.9	33.0	36.7	45.9
promote racial understanding....	34.2	28.8	36.7	37.7	67.3	28.4	31.4	33.6	43.9	38.8	36.7	36.2	43.7	63.9	72.6
raise a family..................	67.3	67.4	67.5	67.1	59.1	67.6	66.2	67.0	66.1	69.3	70.5	66.7	68.6	57.8	60.9
theoretical contrib to science..	8.8	7.3	8.4	11.6	14.9	7.5	6.2	8.0	10.0	8.1	8.2	11.8	10.8	13.1	17.6
write original works............	13.3	11.0	13.9	15.6	15.7	10.8	12.0	12.3	17.6	15.4	13.3	15.1	17.6	15.0	16.7

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Political Views															
far left........................	2.1	2.6	2.0	1.4	4.8	2.7	2.1	2.0	2.4	1.8	1.3	1.4	1.3	5.2	4.2
liberal.........................	23.2	19.5	23.9	27.5	31.5	19.2	21.5	21.9	31.1	22.9	22.6	27.1	28.9	28.3	36.4
middle of the road..............	57.6	62.1	56.1	53.9	45.8	62.6	58.5	59.8	48.3	50.5	58.9	55.3	48.5	48.2	42.2
conservative....................	16.2	14.9	17.1	16.6	15.9	14.6	16.9	15.3	17.2	23.8	16.5	15.6	20.5	16.0	15.8
far right.......................	0.9	0.9	0.9	0.7	2.0	0.9	1.1	0.9	1.0	1.0	0.7	0.6	0.7	2.3	1.5
Agrees Strongly or Somewhat															
abolish death penalty...........	26.0	24.5	27.1	26.2	37.0	24.1	26.8	24.7	31.4	28.1	31.9	24.9	31.3	36.3	38.1
abortion should be legalized....	57.2	53.2	55.8	65.5	60.1	53.2	53.1	55.8	65.4	49.0	46.4	66.1	63.4	57.6	63.8
busing OK to achieve balance....	54.9	56.3	55.2	52.4	62.0	55.9	59.0	54.3	57.9	54.5	56.7	52.2	53.3	60.3	64.4
coll appreciated if cost higher.	50.8	49.4	51.8	51.2	46.7	48.8	53.3	51.7	52.1	51.4	52.2	50.9	52.5	46.5	47.0
college increases earning power.	64.7	71.7	62.7	58.2	73.4	72.3	68.1	67.8	53.9	57.1	59.3	60.4	49.7	72.6	74.4
control AIDS by mandatory tests.	67.7	73.1	66.5	61.9	67.8	73.2	72.8	69.4	61.7	62.6	65.4	63.3	56.8	69.1	66.0
employers can require drug tests	72.0	73.0	72.9	69.1	72.0	73.1	72.2	74.4	68.1	74.7	70.4	69.3	68.5	70.8	73.6
govt not controlling pollution..	85.3	84.3	85.7	86.2	83.1	84.4	83.8	84.6	88.5	86.3	85.9	85.5	88.8	80.9	86.2
govt not promoting disarmament..	75.2	73.5	76.0	76.2	78.6	73.9	71.2	75.6	78.4	74.3	76.9	76.2	76.2	75.6	83.1
govt not protecting consumer....	69.1	71.7	69.3	65.0	76.6	72.0	69.7	69.2	71.1	68.1	68.3	65.2	64.4	75.5	78.3
increase fed military spending..	20.5	25.1	19.7	15.2	27.4	24.8	26.7	21.7	16.9	18.4	15.2	15.4	14.2	31.2	22.0
live together before marriage...	46.3	48.3	43.1	48.7	46.0	49.2	42.6	44.6	48.9	32.8	39.9	49.9	44.1	47.9	43.3
man not entitled to sex on date.	91.0	87.3	92.3	93.8	87.5	87.1	89.2	92.0	92.3	93.3	92.9	93.7	94.5	86.7	88.6
marijuana should be legalized...	16.4	15.8	15.8	18.2	16.6	15.6	17.2	15.3	20.5	12.8	14.3	18.3	17.9	18.5	13.7
no endow investment in S Africa.	42.1	36.1	43.1	49.1	53.2	36.3	34.6	39.9	51.5	44.4	43.0	47.0	57.6	48.4	60.1
nuclear disarmament attainable..	61.2	58.7	62.4	62.7	54.3	58.8	58.1	62.1	63.8	60.7	64.8	62.9	62.2	52.4	57.0
only volunteers in Armed Service	53.9	53.6	54.4	53.6	57.5	53.6	53.8	54.5	57.0	52.0	52.3	53.9	52.5	56.1	59.5
prohibit homosexual relations...	39.9	45.5	40.2	31.2	42.7	44.9	49.7	43.2	31.3	43.3	33.9	32.3	26.7	44.2	40.3
raise taxes to reduce deficit...	24.1	19.9	24.7	29.4	21.1	20.0	19.0	22.9	29.3	25.7	23.9	28.8	31.8	20.2	22.3
sex OK if people like each other	37.1	38.0	35.0	39.2	28.7	38.6	34.3	36.7	39.1	26.7	30.5	40.3	35.2	29.6	27.3
too much concern for criminals..	66.0	66.9	65.8	65.2	58.3	67.6	62.3	67.4	62.3	64.8	65.1	65.9	62.4	56.5	60.8
women's activities best in home.	20.1	24.6	19.3	14.9	30.0	24.7	24.2	20.1	18.2	19.4	17.0	15.4	13.2	31.7	27.6
Permission to Use Student I.D.															
yes.............................	77.1	73.4	79.2	79.2	80.4	73.0	76.5	80.4	75.6	81.8	73.5	80.4	73.8	83.0	74.8
no..............................	22.9	26.6	20.8	20.8	19.6	27.0	23.5	19.6	24.4	18.2	26.5	19.6	26.2	17.0	25.2

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1988 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High school															
1988	93.6	86.8	96.6	98.3	94.6	85.9	93.6	96.3	97.1	96.2	98.0	98.2	98.7	93.7	96.2
1987	2.3	3.7	1.8	1.1	3.1	3.7	3.7	1.9	1.8	1.9	1.1	1.1	0.9	3.4	2.5
1986	0.7	1.4	0.4	0.2	0.9	1.5	0.8	0.5	0.3	0.4	0.3	0.3	0.1	1.1	0.6
1985 or earlier	1.9	4.2	0.8	0.3	1.0	4.6	1.1	0.9	0.6	1.0	0.4	0.4	0.2	1.3	0.6
H.S. equivalency (G.E.D. test)	1.3	3.5	0.3	0.1	0.3	3.8	0.8	0.3	0.2	0.4	0.1	0.1	0.0	0.4	0.2
never completed high school	0.2	0.4	0.0	0.0	0.1	0.4	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Age on December 31, 1988															
16 or younger	0.1	0.1	0.0	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1
17	2.6	2.8	2.3	2.9	4.3	2.9	1.8	2.0	3.1	2.0	2.2	2.7	3.7	3.4	5.9
18	73.3	67.4	75.6	78.0	72.3	67.3	67.9	76.1	75.9	72.2	77.5	77.9	78.4	69.2	77.6
19	18.8	18.5	19.7	17.8	19.5	17.7	25.2	19.3	18.9	22.8	18.7	18.1	16.9	22.5	14.3
20	1.7	3.0	1.3	0.7	2.3	3.0	3.1	1.3	1.2	1.4	0.9	0.8	0.6	2.8	1.3
21-24	1.6	3.6	0.7	0.3	1.2	3.9	1.2	0.8	0.5	0.7	0.4	0.4	0.2	1.6	0.7
25-29	0.7	1.8	0.2	0.1	0.2	2.0	0.2	0.2	0.1	0.3	0.1	0.1	0.0	0.3	0.1
30-39	0.8	2.1	0.2	0.0	0.1	2.3	0.4	0.2	0.1	0.4	0.1	0.0	0.0	0.2	0.0
40-54	0.2	0.6	0.1	0.0	0.0	0.6	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Racial Background (1)(2)															
White/Caucasian	83.2	83.4	82.0	84.7	1.4	83.0	87.0	80.7	80.9	84.9	88.3	84.9	84.3	1.9	0.6
Black/Negro/Afro-American	9.5	7.1	13.9	5.8	97.8	7.0	8.0	16.0	13.1	12.3	3.9	6.1	4.4	97.0	99.0
American Indian	0.8	0.7	0.9	0.9	1.2	0.7	1.0	0.9	0.9	0.9	0.7	0.9	0.7	0.9	1.6
Asian-American/Oriental	2.9	1.9	1.8	5.9	0.3	1.9	1.3	1.3	3.4	1.3	2.0	5.4	7.8	0.3	0.1
Mexican-American/Chicano	1.8	2.1	1.2	2.3	0.1	2.2	1.5	1.1	0.6	0.8	3.9	2.4	1.6	0.1	0.1
Puerto Rican-American	1.4	2.8	0.6	0.6	0.3	3.1	0.6	0.5	1.0	0.3	1.0	0.5	0.9	0.3	0.4
other	2.2	3.1	1.5	2.0	1.2	3.2	2.0	1.2	2.4	1.2	2.2	1.8	2.8	1.1	1.3
Average High School Grades															
A or A+	11.0	4.7	11.0	19.7	3.3	4.9	3.0	9.8	12.9	13.4	10.1	17.8	26.6	1.9	5.6
A-	12.6	7.1	13.0	19.2	4.3	7.5	4.5	11.3	15.2	15.3	14.5	18.4	22.4	2.5	7.3
B+	18.5	16.1	18.6	21.4	11.1	16.9	10.0	17.5	19.6	19.5	22.9	21.3	21.5	8.3	15.7
B	24.8	27.3	24.5	22.0	20.3	28.0	21.6	24.8	23.3	23.4	27.4	23.2	17.6	18.7	23.0
B-	14.2	17.3	14.1	10.1	17.4	17.3	16.8	15.0	13.4	12.6	12.6	10.8	7.2	17.3	17.5
C+	11.5	16.0	11.6	5.2	24.0	15.2	22.1	13.4	9.5	9.9	8.0	5.7	3.2	26.7	19.4
C	7.0	10.8	6.8	2.3	18.5	9.5	20.2	7.8	5.9	5.6	4.4	2.6	1.4	22.9	11.2
D	0.4	0.8	0.3	0.1	1.1	0.6	1.7	0.4	0.2	0.2	0.1	0.1	0.0	1.6	0.3
Have Met or Exceeded Recommended Years of Study In (3)															
English (4 years)	94.9	92.3	95.1	98.0	95.9	92.0	94.6	93.6	97.8	95..7	97.7	97.8	98.6	94.9	97.4
mathematics (3 years)	91.5	86.2	92.5	97.2	87.3	85.9	88.2	90.9	95.6	93.0	94.6	96.8	98.6	83.5	93.6
foreign language (2 years)	78.6	71.2	77.4	90.2	63.8	71.8	67.0	71.5	88.4	78.9	88.6	88.6	96.0	55.1	78.4
physical science (2 years)	49.5	43.0	48.8	59.3	35.8	43.7	38.2	45.6	56.1	49.9	50.8	58.2	63.2	35.1	37.1
biological science (2 years)	34.7	30.9	36.0	37.7	30.7	31.0	30.5	35.9	35.3	38.0	34.8	37.9	36.9	28.5	34.3
history/American gov't (1 year)	99.1	98.6	99.2	99.5	98.9	98.6	98.4	99.2	99.4	99.2	99.3	99.5	99.6	99.1	98.6
computer science (1/2 year)	58.1	55.1	59.5	60.0	50.2	56.0	48.5	59.7	59.5	57.4	62.2	59.1	63.2	45.4	58.0
art or music (1 year)	66.8	68.1	66.0	66.4	68.3	68.4	65.4	63.4	70.1	70.2	65.8	66.3	66.8	69.0	67.1

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	3.7	5.6	3.3	1.9	11.6	5.9	3.3	3.8	2.2	3.4	2.5	2.1	1.5	14.3	7.7
$6,000 - $9,999	2.9	3.8	2.8	1.8	7.0	3.9	3.5	3.0	2.1	3.1	2.4	2.0	1.2	7.3	6.7
$10,000 - $14,999	5.1	6.7	4.9	3.5	9.2	6.7	6.4	5.1	4.1	5.3	4.5	3.7	2.5	9.4	9.0
$15,000 - $19,999	5.4	6.6	5.5	3.9	9.8	6.6	6.5	5.9	4.4	5.8	4.8	4.2	2.8	10.2	9.2
$20,000 - $24,999	6.9	8.1	6.9	5.4	9.2	8.1	7.9	7.1	5.8	7.7	6.6	5.7	4.0	9.1	9.4
$25,000 - $29,999	7.0	8.3	6.9	5.6	8.8	8.4	7.7	7.2	6.0	7.4	6.7	6.0	4.2	9.5	7.7
$30,000 - $34,999	9.1	10.3	9.0	7.5	8.4	10.5	8.7	9.7	7.4	9.2	8.0	7.9	6.0	8.3	8.5
$35,000 - $39,999	9.1	9.9	9.1	8.1	6.9	10.1	8.7	9.7	7.9	8.6	8.8	8.5	6.3	6.8	7.1
$40,000 - $49,999	12.4	12.5	12.6	12.1	8.6	12.7	10.8	13.7	11.0	11.6	11.6	12.7	9.5	8.4	8.9
$50,000 - $59,999	11.6	10.8	11.9	12.3	6.7	10.9	9.6	12.5	11.1	10.9	11.1	12.6	11.1	6.2	7.5
$60,000 - 74,999	10.7	7.9	11.2	13.4	7.1	7.7	9.1	11.3	11.8	10.0	11.6	13.5	13.1	5.7	9.0
$75,000 - 99,999	7.0	4.9	6.9	9.8	3.5	4.6	7.0	6.0	9.1	6.8	8.1	9.2	12.1	2.5	4.8
$100,000 - 149,999	4.8	2.7	4.6	7.5	1.8	2.4	5.0	3.1	7.9	5.1	6.6	6.5	11.6	1.2	2.6
$150,000 or more	4.3	2.1	4.3	7.2	1.4	1.6	5.7	2.0	9.2	5.1	6.8	5.3	14.0	1.0	2.0
Status of Parents															
living with each other	72.8	70.8	72.9	75.3	44.5	70.7	71.4	72.2	71.7	74.4	78.3	74.5	78.3	44.3	45.0
divorced or separated	21.8	22.2	22.1	20.7	45.3	22.1	23.1	22.6	23.3	21.0	17.2	21.5	17.9	45.2	45.6
one or both deceased	5.4	6.9	5.0	4.0	10.1	7.1	5.5	5.2	4.9	4.6	4.5	4.0	3.9	10.6	9.4
Number of Older Brothers															
none	52.8	48.4	53.9	56.8	50.9	48.5	47.8	53.5	55.6	55.7	49.4	56.6	57.4	48.5	54.9
one	30.7	33.1	30.0	29.0	28.1	33.0	33.6	30.1	30.3	29.1	30.0	29.0	28.8	28.9	26.8
two	10.3	11.2	10.2	9.6	10.5	11.1	11.7	10.1	9.5	10.0	12.5	9.6	9.5	10.8	10.0
three or more	6.1	7.4	5.9	4.7	10.4	7.5	6.9	6.3	4.6	5.3	8.1	4.8	4.3	11.8	8.2
Number of Older Sisters															
none	55.1	50.7	56.6	58.5	52.8	50.7	50.5	56.1	58.2	58.5	52.1	58.4	58.8	51.0	55.8
one	29.6	31.9	28.5	28.5	27.3	31.9	31.8	28.3	28.7	28.2	29.3	28.5	28.6	27.7	26.7
two	9.8	10.7	9.6	8.8	11.1	10.6	11.1	9.8	8.9	9.0	11.3	8.8	8.7	11.3	10.9
three or more	5.5	6.7	5.3	4.2	8.7	6.8	6.6	5.7	4.2	4.3	7.2	4.3	4.0	10.0	6.6
Number of Younger Brothers															
none	55.9	53.1	56.9	58.1	57.3	52.6	56.2	56.9	58.2	56.7	54.1	58.3	57.5	57.2	57.5
one	33.8	34.6	33.6	33.1	30.5	34.6	34.4	33.6	33.0	33.8	34.3	33.0	33.2	29.8	31.7
two	7.9	9.2	7.4	7.1	9.2	9.4	7.6	7.3	7.1	7.6	8.8	7.0	7.5	9.6	8.4
three or more	2.4	3.2	2.1	1.7	3.0	3.4	1.8	2.2	1.7	1.9	2.8	1.7	1.8	3.5	2.4
Number of Younger Sisters															
none	57.5	54.6	58.4	59.7	55.8	54.1	58.8	58.2	59.9	58.6	55.9	60.0	58.6	54.1	58.6
one	33.0	34.5	32.4	32.0	31.5	34.8	32.0	32.5	31.9	32.0	32.9	31.8	32.7	32.7	29.6
two	7.3	8.0	7.2	6.6	9.0	8.2	6.7	7.2	6.5	7.4	8.4	6.5	7.0	9.1	8.8
three or more	2.3	2.9	2.1	1.8	3.6	3.0	2.5	2.1	1.7	2.0	2.8	1.8	1.8	4.0	3.0
Twin Status															
no	98.2	98.1	98.2	98.3	97.8	98.1	98.3	98.3	98.2	98.2	98.1	98.3	98.4	98.0	97.6
yes - identical	0.7	0.9	0.7	0.6	0.7	0.9	0.8	0.7	0.7	0.6	0.8	0.6	0.6	0.5	1.0
yes - fraternal	1.1	1.0	1.1	1.1	1.5	1.0	1.0	1.1	1.1	1.2	1.2	1.1	1.0	1.6	1.4

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

						2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
attended a religious service....	81.7	80.0	84.2	80.1	90.1	79.4	84.2	84.0	79.1	88.9	89.3	79.5	82.2	88.2	93.3
cheated on a test in school.....	36.6	35.9	36.9	37.1	35.4	35.6	37.6	38.5	34.2	33.3	39.5	38.4	32.6	33.5	38.4
copied homework from other stdnt	57.1	54.8	58.0	58.7	54.4	54.5	57.3	59.4	54.9	55.3	60.5	59.9	54.5	53.9	55.2
did extra class work/reading (4)	10.9	9.6	11.3	12.2	16.4	9.5	10.3	10.5	12.7	12.4	10.8	11.9	13.4	14.9	18.7
didn't complete homework on time	68.8	66.8	70.7	68.5	70.2	65.8	73.8	70.5	72.1	70.7	68.4	68.6	68.2	69.0	72.3
discussed politics (4)..........	18.5	12.6	19.8	24.4	19.0	12.5	13.8	16.6	25.5	24.1	19.9	22.3	32.1	15.5	24.7
discussed religion (4)..........	20.9	16.5	23.6	22.6	28.5	15.8	21.4	20.5	25.1	32.7	24.6	20.9	28.7	25.6	33.1
discussed sex (4)...............	30.7	27.7	32.1	32.5	35.5	27.5	28.9	32.9	33.8	28.1	30.4	32.6	32.2	33.4	38.9
discussed sports (4)............	42.7	38.5	44.7	45.1	43.5	37.8	43.9	45.8	40.5	45.6	46.1	45.3	44.6	43.5	43.5
drank beer......................	65.3	65.7	63.0	68.3	36.3	66.0	63.9	63.9	64.8	52.2	71.6	68.2	68.9	36.5	35.9
drank wine or liquor............	66.7	65.0	65.8	70.3	41.9	65.0	64.8	66.5	67.4	57.3	72.8	70.0	71.5	39.5	45.7
felt depressed (4)..............	10.5	10.5	11.1	9.8	14.7	10.1	13.0	11.1	10.9	11.3	10.8	10.0	9.3	15.3	13.8
felt overwhelmed (4)............	21.5	17.2	23.3	24.6	21.5	16.2	24.2	22.2	24.4	25.7	23.9	24.4	25.2	20.4	23.2
participated in demonstrations..	35.1	34.8	37.2	32.1	48.3	33.7	42.8	38.0	36.1	36.0	36.5	32.7	29.6	48.5	47.9
smoked cigarettes (4)...........	10.1	14.1	8.5	7.2	3.9	14.0	15.3	8.7	9.9	6.0	8.6	7.3	7.0	4.7	2.5
spoke other language at home (4)	6.9	7.9	5.3	8.2	4.4	8.0	6.9	4.3	7.7	4.4	8.2	7.5	10.8	4.6	4.1
stayed up all night.............	81.0	79.6	81.4	82.3	81.8	79.2	82.6	81.3	82.4	80.2	81.8	82.5	81.4	79.9	84.8
studied with other students.....	87.3	82.9	89.0	90.6	87.2	82.2	87.6	88.6	89.0	90.1	89.3	90.5	91.0	86.1	89.0
tutored another student.........	44.9	35.6	45.9	56.0	45.9	36.5	29.0	43.9	49.6	47.8	46.8	54.3	62.2	41.1	53.9
used a personal computer (4)....	27.4	23.1	28.4	31.6	28.0	23.2	22.1	28.1	30.3	28.4	26.1	30.3	36.2	26.4	30.7
was a guest in teacher's home...	30.3	26.6	33.3	30.6	31.4	25.5	34.8	32.0	34.5	38.2	29.7	29.6	34.2	30.8	32.3
was bored in class..............	93.5	89.0	95.5	96.5	90.9	88.5	93.1	95.6	95.4	95.3	96.0	96.6	96.4	90.3	92.0
won varsity letter in sports....	46.6	38.0	51.3	50.7	43.5	36.6	49.0	51.2	50.1	51.9	53.6	50.3	52.1	44.1	42.6
worked in political campaign....	8.7	5.8	9.9	10.5	13.7	5.6	7.7	9.0	10.9	11.6	10.1	9.8	13.3	11.9	16.7
Racial Comp. of High School															
completely white................	16.0	16.0	17.3	14.1	2.0	16.1	15.5	19.0	12.7	17.4	16.4	14.4	12.7	1.5	3.0
mostly white....................	59.1	57.9	57.5	63.2	28.5	58.0	57.2	54.4	63.0	57.6	65.7	62.0	67.6	27.0	30.9
half white......................	17.5	18.6	17.0	16.8	30.8	18.3	20.9	18.0	15.9	17.4	12.2	17.4	14.5	34.5	24.7
mostly non-white................	5.6	5.4	6.1	5.1	25.1	5.5	4.8	6.5	6.2	5.4	4.7	5.3	4.4	24.9	25.4
completely non-white............	1.8	2.1	2.1	0.9	13.6	2.2	1.5	2.1	2.2	2.2	1.0	0.9	0.8	12.2	15.9
Racial Comp. of Neighborhood															
completely white................	41.2	43.5	41.3	37.8	2.9	43.2	45.4	42.7	36.4	42.0	42.9	38.3	36.0	2.8	3.2
mostly white....................	42.4	40.1	40.3	48.6	15.4	40.3	39.0	37.9	45.0	41.0	44.1	48.1	50.7	14.6	16.7
half white......................	6.2	5.9	6.5	6.3	15.2	5.8	6.6	6.4	7.0	6.1	5.9	6.1	6.7	15.8	14.2
mostly non-white................	6.2	6.0	7.0	5.0	35.9	6.2	4.8	7.5	7.1	6.4	4.5	5.1	4.6	35.5	36.5
completely non-white............	4.1	4.5	4.9	2.3	30.5	4.5	4.3	5.4	4.5	4.5	2.6	2.4	2.0	31.3	29.3
Number of Honors Courses Taken in High School															
none............................	50.0	65.6	47.9	33.0	56.3	65.0	70.2	51.9	39.1	45.6	46.5	35.9	22.6	62.8	45.7
one.............................	12.3	11.3	13.4	11.9	15.3	11.2	12.3	13.1	13.8	13.5	15.1	12.0	11.4	15.8	14.6
two or more.....................	37.7	23.1	38.7	55.1	28.3	23.9	17.5	35.1	47.1	40.9	38.4	52.2	66.0	21.4	39.8
Number of Advanced Placement Courses Taken in HS															
none............................	60.8	75.6	59.6	44.5	65.8	75.3	77.5	63.7	50.4	57.0	59.3	47.3	34.2	69.3	60.1
one.............................	17.4	12.9	18.5	21.2	17.7	12.9	12.2	16.8	21.3	19.6	20.9	21.2	21.4	16.6	19.5
two or more.....................	21.8	11.6	21.9	34.3	16.5	11.7	10.2	19.5	28.3	23.3	19.8	31.5	44.4	14.1	20.5

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Student Rated Self Above Average or Highest 10% in															
academic ability	56.1	37.0	58.2	78.1	39.4	37.9	30.3	54.9	64.3	62.0	59.5	76.8	83.0	30.7	53.5
artistic ability	24.7	21.5	24.6	29.1	19.6	21.2	24.1	22.3	31.4	24.7	23.6	28.6	30.9	18.0	22.1
competitiveness	54.2	45.6	55.2	63.9	47.9	45.4	46.8	55.1	55.8	55.1	55.1	63.2	66.7	44.6	53.3
drive to achieve	63.7	53.6	65.5	74.1	67.7	53.5	54.2	63.7	68.5	67.8	66.6	72.9	78.6	64.2	73.3
emotional health	56.1	49.5	57.8	62.3	58.7	49.3	50.4	56.9	59.7	59.0	57.2	61.7	64.8	56.1	62.9
learn foreign languages	31.4	23.2	31.6	42.0	28.2	23.9	18.6	29.6	35.5	32.9	33.3	40.5	47.2	25.7	32.2
leadership ability	51.6	42.5	53.8	60.3	55.3	42.2	44.5	52.2	56.9	56.1	52.7	59.2	64.1	52.6	59.6
mathematical ability	40.6	29.6	40.4	55.5	25.1	30.3	24.2	39.6	43.6	39.9	39.4	54.2	59.9	19.5	34.1
physical health	58.4	52.9	59.5	63.9	56.7	52.5	55.7	59.1	60.7	58.7	60.4	63.8	64.3	54.8	59.7
popularity	43.5	37.2	44.5	50.2	46.7	36.8	40.0	44.9	45.3	42.7	43.6	49.9	51.1	44.8	49.7
popularity with opposite sex	41.9	37.0	43.0	46.5	49.5	36.6	40.0	43.7	43.5	40.4	41.4	46.6	46.3	50.0	48.6
public speaking ability	29.5	21.6	31.1	37.5	33.4	21.4	22.6	29.2	34.5	34.0	30.6	36.1	42.6	29.9	38.9
self-confidence (intellectual)	49.7	38.6	51.2	62.1	59.7	38.8	37.5	49.3	56.0	53.4	48.7	60.7	67.1	56.3	65.2
self-confidence (social)	43.8	38.4	44.7	49.4	54.3	38.1	40.9	44.2	46.9	44.6	43.7	49.2	50.5	51.7	58.6
writing ability	39.8	29.4	41.5	50.9	39.3	29.4	29.6	38.8	46.5	44.8	41.8	49.3	57.0	36.1	44.5
Prior Credit at This Institution															
no	96.5	95.8	96.9	96.8	94.3	95.8	95.8	96.7	96.9	97.4	96.9	96.8	96.8	94.1	94.6
yes	3.5	4.2	3.1	3.2	5.7	4.2	4.2	3.3	3.1	2.6	3.1	3.2	3.2	5.9	5.4
This College is Student's															
first choice	67.9	69.5	66.0	68.6	47.2	70.3	63.5	64.3	67.0	70.4	68.1	68.7	67.9	43.4	53.8
second choice	23.0	21.1	24.7	22.7	36.2	20.4	26.1	26.6	22.3	21.6	23.9	22.8	22.5	38.0	33.2
third choice	5.8	5.3	6.3	5.8	12.5	5.0	7.3	6.5	6.8	5.6	5.4	5.6	6.3	13.9	10.1
less than third choice	3.3	4.1	2.9	2.9	4.0	4.2	3.1	2.7	4.0	2.5	2.6	2.8	3.3	4.7	2.9
Number of Other Colleges Applied to for Admission This Year															
none	31.2	43.7	25.2	23.8	17.5	45.6	29.8	28.6	18.7	25.2	17.5	27.3	11.0	19.6	14.1
one	15.0	15.8	15.2	13.9	13.7	15.7	16.4	16.7	11.1	15.2	14.2	15.3	8.9	14.3	12.8
two	16.6	15.3	18.1	16.0	19.9	14.9	18.4	19.3	14.7	18.4	17.7	16.9	12.7	20.8	18.5
three	15.2	12.4	17.4	15.6	21.6	11.6	17.8	17.3	17.1	17.3	19.5	15.4	16.2	20.6	23.1
four	9.2	6.5	10.4	10.9	13.6	6.2	9.0	9.1	12.8	10.4	13.3	9.8	15.4	13.1	14.4
five	5.7	3.2	6.4	8.0	6.8	3.0	4.9	4.7	10.2	6.4	9.0	6.6	13.1	5.8	8.4
six or more	7.0	3.1	7.4	11.7	6.9	3.0	3.7	4.4	15.4	7.1	8.8	8.7	22.8	5.8	8.7
Number of Other College Acceptances This Year (5)															
none	15.1	26.1	11.7	8.5	12.4	27.2	19.7	13.3	9.7	9.8	9.6	9.6	5.2	15.1	8.1
one	27.9	31.6	27.1	25.1	24.2	31.5	32.3	29.6	22.1	26.5	24.5	27.6	17.6	26.2	21.0
two	24.5	22.6	25.9	24.4	27.8	22.3	24.4	26.5	24.3	26.3	25.6	25.0	22.4	28.7	26.4
three	17.1	12.4	18.7	19.8	19.4	12.0	15.3	17.4	20.6	19.4	20.6	19.1	22.1	17.1	23.0
four	8.4	4.5	9.1	11.3	8.8	4.5	4.7	7.5	11.8	9.8	11.2	10.1	15.3	7.3	11.3
five	3.7	1.6	4.0	5.4	3.4	1.5	2.2	2.9	6.0	4.6	4.9	4.6	8.1	2.3	5.1
six or more	3.4	1.1	3.6	5.4	4.0	1.0	1.4	2.8	5.7	3.6	3.6	4.1	9.4	3.3	5.2
Student Native English Speaker?															
yes	94.7	93.0	96.6	94.1	98.2	92.8	94.7	97.3	94.9	97.5	94.7	94.4	92.6	98.0	98.5
no	5.3	7.0	3.4	5.9	1.8	7.2	5.3	2.7	5.1	2.5	5.3	5.6	7.4	2.0	1.5

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR SPENT ON															
None															
studying or doing homework......	1.4	1.9	1.3	1.1	0.8	1.9	1.8	1.5	1.1	0.9	0.8	1.2	0.7	0.9	0.7
socializing with friends........	0.3	0.5	0.2	0.2	0.6	0.5	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.6	0.5
talking w/teacher outside class.	7.7	9.7	6.5	6.8	6.6	10.0	7.1	7.5	5.6	4.7	5.2	7.5	4.6	6.9	6.2
exercising or sports............	4.0	5.0	3.9	2.9	9.9	5.0	5.0	4.2	3.7	3.9	2.6	3.0	2.4	11.0	8.2
partying........................	12.5	13.2	13.1	10.8	13.5	13.1	13.7	12.3	12.7	18.8	9.5	11.0	10.3	13.4	13.6
working (for pay)...............	24.9	21.9	25.8	27.5	26.7	21.9	21.7	22.8	31.0	30.5	25.0	25.4	35.5	24.3	30.3
volunteer work..................	56.8	60.0	55.5	54.7	57.0	60.3	58.1	58.2	53.4	51.1	50.5	56.7	47.3	57.8	55.7
student clubs and groups........	30.5	39.4	27.6	23.5	28.7	40.2	34.2	30.7	24.1	22.0	25.6	25.5	16.5	32.7	22.7
watching TV.....................	5.0	4.1	5.2	5.9	3.4	3.9	5.4	4.5	6.9	5.5	5.2	5.6	7.2	3.6	3.1
hobbies.........................	9.1	9.8	8.9	8.5	11.1	10.0	9.0	9.3	8.4	8.2	8.9	8.7	8.0	11.9	9.9
Six or More Hours															
studying or doing homework......	41.9	35.6	42.8	48.8	41.1	35.3	37.2	37.8	50.7	47.7	48.9	46.0	59.0	34.6	50.9
socializing with friends........	78.2	75.3	78.7	81.1	65.7	74.9	78.4	77.9	80.4	78.1	80.8	80.6	83.0	63.3	69.4
talking w/teacher outside class.	9.0	9.3	9.7	7.4	15.0	9.0	11.5	9.0	11.1	10.0	10.6	7.1	8.6	14.2	16.2
exercising or sports............	47.9	44.3	49.2	50.6	36.4	43.7	48.6	48.0	50.5	49.7	52.8	49.8	53.3	34.8	38.8
partying........................	35.5	36.9	33.9	36.2	30.8	36.6	39.3	34.7	34.4	26.9	40.0	36.3	36.0	30.9	30.7
working (for pay)...............	63.2	67.0	62.1	60.1	60.0	67.1	66.7	65.6	56.6	55.8	64.0	62.6	51.0	60.6	59.1
volunteer work..................	5.1	5.3	5.2	4.9	7.5	5.3	5.4	4.5	6.4	5.6	6.0	4.5	6.2	6.9	8.5
student clubs and groups........	14.9	12.0	15.6	17.6	15.8	11.9	12.3	13.9	18.3	17.2	17.7	16.3	22.4	13.4	19.5
watching TV.....................	32.4	33.4	33.1	30.1	44.0	33.4	33.5	34.4	30.5	32.9	31.2	30.6	28.1	42.8	45.8
hobbies.........................	27.7	27.9	28.3	26.6	33.2	27.4	31.2	28.0	30.8	27.5	25.5	26.7	26.2	33.7	32.5
Sixteen or More Hours															
studying or doing homework......	7.1	4.8	7.3	9.9	8.7	4.8	4.3	5.4	11.5	8.4	8.1	8.4	15.5	6.1	12.7
socializing with friends........	35.8	34.8	36.3	36.3	30.8	34.4	37.8	35.7	38.7	34.4	38.6	36.2	36.7	29.7	32.4
talking w/teacher outside class.	1.8	1.9	1.9	1.3	3.4	1.8	2.5	1.8	2.4	1.8	2.0	1.3	1.4	3.3	3.5
exercising or sports............	16.1	14.7	17.4	16.0	13.6	14.2	18.2	17.3	16.9	17.8	18.7	15.7	17.1	13.4	13.9
partying........................	8.7	10.1	8.1	7.8	7.7	10.0	11.0	8.5	8.2	6.0	8.9	7.9	7.2	8.3	6.9
working (for pay)...............	40.2	44.7	39.2	35.9	39.6	44.9	43.1	42.8	34.4	32.7	38.8	38.2	27.5	39.4	39.9
volunteer work..................	1.3	1.4	1.2	1.2	2.5	1.4	1.8	1.0	1.7	1.4	1.6	1.1	1.4	2.3	2.7
student clubs and groups........	3.4	2.9	3.5	4.0	4.3	2.9	2.9	3.1	4.1	3.7	4.0	3.7	5.1	4.2	4.4
watching TV.....................	7.2	7.8	7.5	5.9	16.3	7.8	8.1	8.0	6.6	7.5	6.3	6.0	5.2	16.3	16.4
hobbies.........................	6.8	7.4	7.0	5.7	11.6	7.3	8.2	7.1	7.5	6.4	6.0	5.7	5.6	12.0	10.9
Disabilities															
none............................	84.9	81.1	86.1	88.4	78.0	80.6	84.9	85.8	86.2	86.0	87.8	88.2	89.1	74.2	84.4
hearing.........................	0.8	0.9	0.9	0.6	0.6	0.9	1.2	0.8	0.8	1.1	0.8	0.6	0.6	0.6	0.6
speech..........................	0.3	0.4	0.3	0.2	0.3	0.4	0.4	0.2	0.3	0.4	0.2	0.2	0.2	0.4	0.2
orthopedic......................	1.0	1.1	1.0	0.7	0.6	1.1	1.2	0.9	1.1	1.1	1.0	0.7	0.8	0.7	0.6
learning disability.............	1.2	1.4	1.3	0.7	0.7	1.0	4.1	0.8	2.8	1.4	1.2	0.6	0.9	0.9	0.5
health-related..................	1.2	1.4	1.1	0.8	1.8	1.4	1.3	1.0	1.2	1.4	1.1	0.8	0.9	1.6	2.1
partially sighted or blind......	1.9	1.7	2.1	1.7	1.6	1.7	2.3	1.9	2.2	2.6	2.0	1.7	1.9	1.4	2.0
other...........................	1.4	1.6	1.4	1.0	1.2	1.5	1.9	1.3	1.5	1.6	1.3	1.0	1.0	1.2	1.3
U.S. Citizen?															
yes.............................	97.7	96.4	98.6	98.1	99.3	96.3	97.5	99.1	97.5	98.3	98.2	98.4	96.8	99.3	99.2
permanent resident..............	0.8	1.5	0.3	0.6	0.1	1.6	0.4	0.3	0.4	0.2	0.5	0.6	0.7	0.1	0.2
no..............................	1.5	2.1	1.1	1.3	0.6	2.1	2.2	0.6	2.1	1.4	1.3	1.0	2.4	0.6	0.6

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

						2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degree Planned Anywhere															
none	1.8	2.8	1.6	0.9	3.4	2.8	2.7	1.9	1.2	1.4	1.3	0.9	0.7	4.5	1.6
vocational certificate	0.6	1.2	0.4	0.1	0.7	1.3	0.6	0.4	0.2	0.4	0.2	0.1	0.0	0.8	0.4
associate (A.A. or equivalent)	3.9	9.6	1.5	0.3	0.8	9.9	7.6	2.0	0.8	1.1	0.8	0.3	0.1	1.1	0.3
bachelor's (B.A., B.S.)	33.1	43.0	31.1	23.7	21.5	43.2	41.5	35.6	24.1	26.4	26.4	25.9	16.0	27.0	13.3
master's (M.A., M.S.)	36.3	29.5	39.4	40.4	38.2	29.0	32.9	38.6	40.6	39.0	42.8	40.5	39.7	38.0	38.6
Ph.D. or Ed.D	11.7	6.2	13.4	16.1	18.0	6.1	7.1	11.6	17.0	15.7	12.8	15.3	18.9	14.8	22.9
M.D., D.O., D.D.S., D.V.M	5.7	2.9	5.4	9.6	7.3	3.0	2.5	4.2	7.0	7.3	6.2	9.2	11.1	5.0	10.8
LL.B. or J.D. (law)	5.0	2.6	5.1	7.7	7.4	2.7	2.1	3.7	7.1	6.4	7.6	6.5	12.0	5.7	10.0
B.D. or M.Div. (divinity)	0.4	0.4	0.5	0.2	1.1	0.3	0.5	0.4	0.4	0.8	0.4	0.2	0.3	1.2	0.9
other	1.5	1.8	1.6	1.0	1.6	1.7	2.7	1.7	1.6	1.5	1.5	1.0	1.1	1.9	1.2
Highest Degree Planned at Freshman College															
none	3.7	6.5	2.9	1.4	2.5	6.7	4.4	3.7	1.7	2.6	2.0	1.6	0.8	3.2	1.6
vocational certificate	0.8	1.9	0.4	0.1	0.5	1.9	1.8	0.5	0.2	0.4	0.3	0.1	0.1	0.5	0.4
associate (A.A. or equivalent)	16.1	44.0	3.8	1.0	2.1	42.1	57.6	5.1	1.6	3.1	2.1	1.0	1.0	3.1	0.7
bachelor's (B.A., B.S.)	58.4	35.9	73.6	62.5	67.7	37.2	26.8	69.1	79.9	79.5	74.8	61.0	67.6	60.5	77.1
master's (M.A., M.S.)	14.8	7.4	14.9	23.8	18.0	7.7	5.2	16.8	12.9	10.5	16.3	24.9	20.2	21.1	14.1
Ph.D. or Ed.D	2.0	1.0	1.5	4.2	2.9	1.0	0.5	1.7	1.4	1.2	1.6	4.4	3.3	3.4	2.3
M.D., D.O., D.D.S., D.V.M	1.3	0.3	0.6	3.7	1.5	0.3	0.2	0.6	0.4	0.5	0.5	3.9	3.0	1.6	1.4
LL.B. or J.D. (law)	1.1	0.6	0.6	2.4	1.5	0.7	0.3	0.6	0.5	0.7	0.9	2.2	3.2	2.0	0.8
B.D. or M.Div. (divinity)	0.2	0.1	0.3	0.1	0.9	0.1	0.3	0.3	0.2	0.3	0.2	0.1	0.1	1.3	0.4
other	1.6	2.4	1.4	0.8	2.4	2.4	2.8	1.6	1.0	1.2	1.2	0.8	0.7	3.3	1.2
Student's Religious Preference															
Baptist	13.4	11.6	17.7	9.0	61.2	10.1	22.4	21.1	12.0	20.4	2.9	9.5	7.0	65.7	54.3
Buddhist	0.4	0.3	0.3	0.7	0.2	0.3	0.3	0.2	0.6	0.2	0.2	0.7	0.7	0.2	0.3
Congregational	1.2	1.0	1.4	1.1	0.5	0.9	1.6	1.1	2.4	1.8	0.5	1.1	1.0	0.4	0.6
Eastern Orthodox	0.6	0.6	0.4	0.7	0.0	0.6	0.4	0.4	0.7	0.3	0.6	0.7	0.8	0.1	0.0
Episcopal	2.5	1.9	2.9	2.9	2.2	1.6	3.4	2.3	4.6	3.5	1.6	2.7	3.6	2.0	2.6
Islamic	0.3	0.3	0.3	0.4	1.1	0.3	0.2	0.2	0.4	0.2	0.1	0.3	0.6	1.0	1.2
Jewish	3.2	2.8	1.8	5.9	0.1	2.8	3.0	1.3	4.7	0.7	0.4	5.2	8.3	0.1	0.1
LDS (Mormon)	0.3	0.2	0.3	0.3	0.0	0.2	0.2	0.3	0.2	0.2	0.1	0.4	0.2	0.1	0.0
Lutheran	6.2	5.9	6.3	6.4	0.5	5.5	8.6	6.7	3.7	10.0	3.7	7.3	3.2	0.4	0.7
Methodist	8.7	8.7	9.4	7.6	9.8	8.5	10.3	10.6	7.1	11.6	3.1	8.3	5.0	8.1	12.3
Presbyterian	4.5	3.5	4.8	5.3	1.8	3.3	4.7	4.3	5.3	7.6	1.9	5.6	4.4	1.8	1.8
Quaker	0.2	0.2	0.2	0.2	0.1	0.1	0.3	0.1	0.4	0.4	0.1	0.2	0.2	0.1	0.0
Roman Catholic	36.2	43.5	31.2	34.7	7.0	45.8	27.2	31.0	27.9	13.7	73.2	32.6	42.1	6.3	8.0
Seventh-Day Adventist	0.3	0.5	0.3	0.2	0.9	0.5	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.9	0.9
other Protestant	4.8	4.4	5.6	4.0	1.5	4.5	3.5	4.4	6.6	11.0	2.1	4.2	3.4	1.1	1.9
other religion	5.5	5.9	6.0	4.4	7.7	5.8	7.0	5.5	6.6	9.0	2.5	4.5	3.7	7.0	8.8
none	11.6	8.8	11.0	16.2	5.4	9.1	6.9	10.2	16.4	9.1	6.5	16.4	15.5	4.7	6.5
Student Born-Again Christian?															
no	77.3	78.2	72.6	83.2	55.2	79.8	67.1	72.2	78.1	57.8	89.4	82.4	85.9	55.1	55.3
yes	22.7	21.8	27.4	16.8	44.8	20.2	32.9	27.8	21.9	42.2	10.6	17.6	14.1	44.9	44.7

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Arts and Humanities															
arts	2.1	1.6	2.7	1.8	0.9	1.1	4.9	1.9	6.1	1.5	2.7	1.9	1.5	1.2	0.6
English	1.3	0.6	1.7	1.7	1.2	0.6	0.5	1.0	3.0	2.4	2.0	1.4	2.8	0.8	1.8
history	0.8	0.2	1.2	1.0	0.4	0.2	0.3	1.0	1.5	1.4	1.1	0.8	1.7	0.3	0.4
journalism	1.6	0.9	1.3	2.9	1.4	0.8	1.3	1.1	1.5	1.5	1.5	2.9	2.6	1.1	1.9
language or literature	0.6	0.3	0.7	0.9	0.2	0.4	0.2	0.5	1.1	1.0	0.8	0.8	1.2	0.1	0.2
music	1.0	0.7	1.2	1.1	1.0	0.4	2.4	1.1	1.0	1.7	0.6	1.0	1.4	1.3	0.5
philosophy	0.2	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.4	0.4	0.2	0.2	0.5	0.0	0.2
speech	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
theater or drama	0.7	0.4	0.8	0.8	0.5	0.4	0.5	0.5	1.3	0.9	0.7	0.7	1.0	0.6	0.3
theology or religion	0.1	0.1	0.3	0.1	0.1	0.0	0.3	0.1	0.3	1.1	0.2	0.0	0.1	0.1	0.1
other humanities	0.8	1.0	0.6	0.8	0.3	1.0	0.7	0.4	0.8	0.5	1.0	0.8	1.0	0.3	0.3
Biological Sciences															
general biology	1.8	0.9	2.0	2.5	2.2	0.9	0.5	1.5	2.5	2.7	3.0	2.4	3.0	0.9	4.1
biochemistry or biophysics	0.5	0.2	0.4	0.9	0.3	0.3	0.1	0.3	0.6	0.5	0.6	0.9	1.0	0.2	0.4
botany	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
marine (life) science	0.4	0.3	0.5	0.5	0.2	0.3	0.2	0.6	0.4	0.6	0.6	0.5	0.3	0.2	0.2
microbiology or bacteriology	0.2	0.2	0.2	0.4	0.1	0.2	0.0	0.1	0.1	0.2	0.1	0.4	0.3	0.1	0.1
zoology	0.3	0,3	0.2	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.5	0.1	0.3	0.3
other biological sciences	0.5	0.5	0.4	0.7	0.2	0.5	0.5	0.4	0.5	0.4	0.4	0.7	0.4	0.2	0.1
Business															
accounting	6.1	6.4	6.6	4.7	7.7	6.9	2.8	7.5	4.2	5.4	8.2	4.9	4.2	8.2	7.0
business administration	7.3	8.6	7.0	6.3	11.6	8.7	7.5	7.1	5.7	7.6	8.6	6.4	5.9	14.1	7.8
finance	2.0	1.3	1.9	3.1	2.0	1.4	0.6	1.8	2.0	1.5	2.7	2.9	4.0	1.5	2.8
marketing	2.9	2.2	3.3	3.2	2.4	2.0	3.8	3.6	3.0	2.1	4.3	3.1	3.3	2.3	2.6
management	4.9	5.4	5.3	3.7	5.7	5.3	6.2	5.6	4.7	4.6	5.7	3.7	3.6	7.0	3.8
secretarial studies	0.8	2.1	0.3	0.1	0.3	2.1	2.3	0.4	0.3	0.3	0.1	0.1	0.0	0.4	0.1
other business	1.6	1.7	1.4	1.7	1.7	1.6	2.6	1.3	1.4	1.3	2.3	1.6	2.3	2.2	0.8
Education															
business education	0.3	0.3	0.3	0.1	0.7	0.3	0.6	0.4	0.2	0.3	0.1	0.1	0.1	1.0	0.3
elementary education	4.9	6.0	5.9	1.9	3.1	6.0	6.1	6.9	3.2	6.5	5.2	2.1	1.0	3.9	2.0
music or art education	0.3	0.1	0.5	0.2	0.3	0.1	0.5	0.6	0.3	0.7	0.4	0.2	0.1	0.3	0.2
physical education or recreation	1.0	1.1	1.3	0.3	0.5	0.9	2.4	1.4	0.6	1.8	1.1	0.4	0.2	0.6	0.4
secondary education	1.7	1.6	2.2	1.2	1.2	1.6	1.5	2.4	1.1	3.0	1.8	1.3	0.6	1.5	0.7
special education	0.6	0.6	0.9	0.3	0.5	0.7	0.4	1.0	0.4	1.0	0.7	0.3	0.3	0.6	0.3
other education	0.5	1.0	0.4	0.2	0.4	1.0	0.7	0.5	0.3	0.5	0.3	0.2	0.1	0.5	0.2
Engineering															
aeronautical/astronautical eng.	1.7	1.6	1.5	2.0	1.1	1.7	1.0	1.1	4.0	0.4	0.4	2.3	1.0	0.3	2.3
civil engineering	0.9	1.2	0.6	1.1	0.3	1.2	1.1	0.8	0.4	0.4	0.4	1.1	1.2	0.1	0.7
chemical engineering	0.6	0.4	0.4	1.1	0.5	0.5	0.0	0.4	0.4	0.2	0.2	1.1	1.0	0.1	1.1
electrical engineering	2.9	3.5	1.9	3.5	3.7	3.7	1.9	2.1	2.4	0.8	0.9	3.5	3.7	2.8	4.9
industrial engineering	0.3	0.2	0.3	0.4	0.5	0.2	0.3	0.3	0.2	0.1	0.1	0.4	0.3	0.8	0.1
mechanical engineering	1.8	1.9	1.3	2.4	1.0	2.0	1.2	1.4	1.5	0.7	0.6	2.4	2.3	0.4	1.7
other engineering	1.3	1.7	0.8	1.6	0.6	1.7	1.4	0.8	1.0	0.5	0.3	1.5	1.9	0.2	1.3

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
Physical Sciences															
astronomy	0.1	0.1	0.1	0.2	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.0
atmospheric science	0.1	0.2	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.0
chemistry	0.6	0.3	0.8	0.9	0.5	0.4	0.1	0.7	1.0	1.0	0.6	0.8	1.1	0.1	1.0
earth science	0.1	0.1	0.1	0.1	0.0	0.2	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
marine science	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.0	0.0	0.1
mathematics	0.6	0.3	0.8	0.7	0.7	0.3	0.1	0.7	0.8	1.0	1.0	0.7	0.9	0.7	0.8
physics	0.4	0.1	0.4	0.7	0.2	0.1	0.1	0.3	0.7	0.6	0.4	0.7	0.9	0.2	0.2
statistics	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
other physical sciences	0.1	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.4	0.0	0.1	0.1	0.1	0.0	0.0
Professional															
architecture	1.2	1.8	0.5	1.4	0.7	1.3	5.6	0.5	0.6	0.3	0.3	1.5	1.2	0.3	1.2
home economics	0.4	0.6	0.3	0.3	0.6	0.7	0.1	0.4	0.1	0.2	0.3	0.3	0.1	0.9	0.1
health technology	1.0	1.4	0.8	0.8	0.7	1.5	0.9	1.0	0.5	0.7	0.6	0.8	0.6	0.4	1.2
library science	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
nursing	2.5	4.1	1.9	1.4	2.6	4.3	2.4	2.4	0.6	2.1	1.8	1.6	1.0	2.2	3.3
pharmacy	1.0	0.7	0.9	1.4	0.4	0.7	0.6	1.3	0.5	0.5	0.3	1.5	0.7	0.3	0.5
premed,predent,prevet	2.8	1.3	2.6	5.1	3.5	1.4	1.0	2.2	2.9	3.7	2.8	5.0	5.2	2.1	5.6
therapy	2.0	1.9	1.8	2.2	0.8	1.8	2.3	2.2	0.9	1.8	1.7	2.5	1.3	0.5	1.3
other professional	1.3	1.3	1.2	1.3	0.8	1.3	1.4	1.1	1.4	1.3	1.4	1.3	1.1	0.6	1.0
Social Sciences															
anthropology	0.2	0.1	0.2	0.2	0.0	0.1	0.1	0.2	0.4	0.2	0.1	0.3	0.2	0.0	0.0
economics	0.5	0.1	0.6	0.9	0.5	0.1	0.1	0.3	1.1	0.6	0.5	0.7	1.6	0.3	0.8
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.2	1.3	3.7	5.1	4.9	1.3	1.0	2.7	5.0	4.8	4.8	4.0	9.2	4.0	6.3
psychology	4.1	2.9	4.8	4.5	6.7	2.7	4.5	4.4	4.8	5.8	5.8	4.7	3.9	7.3	5.9
social work	0.9	1.1	1.1	0.4	1.6	1.1	1.2	1.0	0.9	1.4	1.1	0.5	0.2	2.0	1.1
sociology	0.4	0.3	0.5	0.3	1.0	0.3	0.3	0.5	0.4	0.6	0.5	0.3	0.3	1.1	0.8
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.6	0.3
Technical															
building trades	0.2	0.3	0.1	0.0	0.0	0.1	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing	1.1	1.8	0.9	0.5	1.7	1.9	0.7	1.0	0.7	0.7	0.7	0.5	0.3	1.9	1.4
drafting or design	0.4	0.5	0.4	0.1	0.3	0.5	1.0	0.5	0.3	0.1	0.3	0.2	0.1	0.4	0.1
electronics	0.2	0.5	0.1	0.1	0.1	0.5	0.4	0.2	0.1	0.0	0.1	0.1	0.0	0.2	0.0
mechanics	0.2	0.2	0.4	0.0	0.2	0.2	0.1	0.6	0.4	0.1	0.0	0.0	0.0	0.3	0.0
other technical	0.4	0.6	0.4	0.0	0.2	0.6	0.5	0.6	0.2	0.1	0.0	0.0	0.0	0.3	0.0
Other Fields															
agriculture	1.2	2.4	0.4	0.8	1.1	2.6	0.6	0.6	0.2	0.2	0.0	1.0	0.0	1.8	0.1
communications	2.9	2.3	3.4	2.8	4.6	2.3	2.0	3.2	3.7	3.7	3.5	2.7	3.2	4.3	5.1
computer science	1.7	1.8	1.8	1.2	3.5	2.0	1.0	2.0	1.7	1.6	1.2	1.3	1.0	3.6	3.3
forestry	0.5	1.1	0.2	0.1	0.0	1.2	0.5	0.2	0.1	0.2	0.1	0.2	0.0	0.0	0.0
law enforcement	1.6	2.5	1.3	0.8	2.1	2.6	1.4	1.7	0.7	0.9	1.2	0.7	0.8	2.7	1.2
military science	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2
other fields	1.4	2.0	1.2	1.0	1.3	1.9	3.1	0.8	2.3	1.1	1.0	1.1	0.6	1.6	0.9
undecided	6.8	5.6	7.2	7.8	2.8	5.3	7.6	7.1	7.2	7.4	6.9	7.9	7.5	2.6	3.2

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	5.9	6.5	6.5	4.4	8.1	6.9	3.1	7.4	4.1	5.3	8.0	4.6	3.7	9.1	6.7
actor or entertainer	1.0	0.7	1.2	1.2	1.7	0.6	1.2	1.0	2.0	1.2	1.0	1.1	1.6	1.8	1.5
architect	1.7	2.7	0.8	1.8	1.4	2.2	6.7	0.9	0.9	0.6	0.4	1.9	1.4	1.0	1.9
artist	1.7	1.4	2.3	1.2	0.8	1.1	4.1	1.7	5.1	1.2	2.0	1.3	1.0	1.0	0.4
business (clerical)	1.0	2.1	0.6	0.3	0.8	2.2	2.0	0.8	0.4	0.5	0.4	0.3	0.2	1.1	0.5
business (management)	12.4	11.8	12.8	12.5	16.2	11.9	11.4	13.1	11.4	12.0	15.3	12.2	13.6	18.8	12.6
business owner or proprietor	3.9	4.5	3.7	3.5	4.0	4.3	5.8	3.7	4.0	3.2	4.3	3.3	4.2	3.9	4.3
business salesperson or buyer	1.4	1.5	1.4	1.2	1.3	1.4	2.3	1.5	1.2	1.0	1.9	1.3	1.1	1.6	0.8
clergy (minister,priest)	0.1	0.1	0.3	0.1	0.2	0.0	0.2	0.1	0.3	0.9	0.2	0.1	0.1	0.2	0.3
clergy (other religious)	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.2	0.5	0.1	0.0	0.1	0.1	0.1
clinical psychologist	1.7	1.2	2.0	1.8	2.4	1.2	1.8	1.9	1.9	2.4	2.6	1.9	1.5	2.1	2.8
college teacher	0.4	0.2	0.5	0.5	0.5	0.2	0.2	0.3	0.7	0.7	0.4	0.4	0.6	0.5	0.4
computer programmer or analyst	2.7	3.5	2.7	1.7	5.1	3.8	1.5	3.1	2.1	2.3	1.9	1.8	1.3	5.5	4.6
conservationist or forester	0.7	1.5	0.4	0.3	0.3	1.6	0.5	0.4	0.3	0.3	0.2	0.4	0.1	0.5	0.0
dentist (incl orthodontist)	0.5	0.3	0.6	0.7	0.9	0.3	0.3	0.6	0.4	0.6	0.5	0.8	0.6	0.5	1.4
dietitian or home economist	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.2	0.1
engineer	8.6	9.6	6.1	11.0	7.6	10.2	5.8	6.6	8.6	3.0	2.7	11.4	9.4	4.7	11.7
farmer or rancher	0.5	0.9	0.3	0.3	0.1	1.0	0.4	0.3	0.2	0.3	0.1	0.3	0.0	0.1	0.1
foreign service worker	1.1	0.4	1.1	1.9	0.2	0.5	0.3	0.6	1.7	1.9	1.5	1.3	3.8	0.0	0.4
homemaker (full-time)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.0
interior decorator	0.5	0.6	0.5	0.5	0.4	0.3	3.1	0.4	0.7	0.5	1.1	0.6	0.2	0.6	0.1
intepreter (translator)	0.2	0.1	0.3	0.3	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1
lab technician or hygienist	0.5	0.7	0.4	0.3	0.2	0.7	0.5	0.5	0.2	0.3	0.2	0.3	0.1	0.2	0.2
law enforcement officer	1.2	1.8	1.1	0.5	1.1	1.9	1.0	1.5	0.4	0.6	1.0	0.5	0.5	1.6	0.3
lawyer (attorney) or judge	5.4	3.3	5.4	8.1	9.4	3.4	2.5	4.3	6.7	6.5	7.9	7.2	11.3	7.9	11.6
military service (career)	1.1	0.7	1.6	0.7	1.1	0.8	0.3	2.2	1.3	0.3	0.5	0.8	0.6	1.2	0.9
musician (performer,composer)	1.1	0.8	1.3	1.1	1.1	0.6	1.8	1.3	1.1	1.5	0.7	1.0	1.3	1.4	0.7
nurse	2.5	4.0	1.9	1.4	2.9	4.2	2.3	2.4	0.6	2.1	1.8	1.5	1.0	2.7	3.3
optometrist	0.3	0.2	0.3	0.3	0.2	0.2	0.1	0.4	0.2	0.3	0.3	0.4	0.2	0.2	0.3
pharmacist	1.1	0.7	1.0	1.5	0.7	0.8	0.6	1.4	0.6	0.7	0.4	1.7	0.8	0.5	0.9
physician	3.7	1.4	3.5	7.1	5.1	1.5	1.0	2.4	4.8	5.0	4.5	6.6	9.1	3.0	8.2
school counselor	0.3	0.2	0.4	0.2	0.3	0.2	0.5	0.3	0.3	0.6	0.4	0.2	0.2	0.3	0.3
school principal/superintendent	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
scientific researcher	1.6	1.2	1.5	2.4	0.5	1.3	0.3	1.3	1.9	1.7	1.3	2.4	2.3	0.3	0.7
social/welfare/recreation worker	1.4	1.6	1.6	0.7	3.1	1.6	1.6	1.6	1.2	1.9	1.7	0.8	0.5	4.0	1.7
statistician	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
therapist (phys,occup,speech)	2.3	2.2	2.2	2.5	1.5	2.2	2.6	2.6	1.2	2.4	2.3	2.8	1.6	1.3	1.7
teacher (elementary)	5.6	6.9	6.7	2.2	3.1	7.0	6.8	7.7	3.7	7.3	5.8	2.4	1.3	3.8	2.1
teacher (secondary)	3.2	2.7	4.2	2.2	1.7	2.6	3.1	4.5	2.6	5.7	3.4	2.4	1.3	1.9	1.3
veterinarian	0.9	0.9	0.7	1.0	0.9	1.0	0.6	0.7	0.7	0.7	0.5	1.2	0.3	0.9	1.0
writer or journalist	2.5	1.2	2.6	3.8	2.4	1.2	1.4	2.0	3.5	3.3	2.9	3.7	4.2	1.9	3.3
skilled trades	0.7	1.0	0.7	0.2	0.2	0.9	1.4	0.9	0.7	0.3	0.1	0.2	0.1	0.2	0.2
other career	6.8	8.0	6.7	5.5	6.3	7.7	9.6	6.2	8.4	6.6	6.3	5.8	4.5	6.5	6.0
undecided	11.5	10.2	11.8	12.6	5.7	10.1	10.7	10.8	13.3	13.0	12.7	12.3	13.7	6.5	4.6
Miles from College to Home															
5 or less	8.7	16.1	5.0	4.1	5.2	17.4	6.5	5.2	3.6	4.2	8.1	4.4	3.2	5.5	4.6
6-10	9.4	16.6	5.2	6.2	4.2	18.0	6.5	5.9	3.4	3.5	8.5	6.6	4.4	4.3	4.0
11-50	26.8	35.8	23.8	19.2	11.6	37.4	23.7	27.9	15.4	18.1	26.8	19.7	17.2	13.4	8.6
51-100	14.7	10.3	17.5	16.3	14.8	9.7	14.4	19.7	12.4	17.2	15.5	18.1	9.4	18.9	7.7
101-500	29.3	16.8	34.1	38.7	32.7	15.2	28.8	32.9	36.4	38.1	29.2	39.7	35.1	35.3	28.3
more than 500	11.2	4.4	14.3	15.5	31.5	2.3	20.1	8.3	28.8	18.9	12.0	11.4	30.7	22.5	46.7

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						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less	4.1	6.3	3.3	2.5	6.4	6.5	5.2	3.4	2.5	3.2	4.0	2.6	2.2	7.7	4.4
some high school	7.3	10.6	6.6	4.2	12.0	10.9	8.8	7.4	4.8	6.3	5.3	4.4	3.2	13.6	9.8
high school graduate	26.9	35.3	26.1	17.2	33.6	36.3	28.4	30.2	19.0	22.3	22.2	18.9	10.8	37.1	28.4
postsecondary other than college	4.8	4.9	5.3	4.2	4.4	4.8	5.5	5.7	4.3	4.8	5.2	4.5	2.9	3.8	5.4
some college	14.5	13.8	15.3	14.0	15.2	13.7	14.8	16.3	13.1	14.5	15.4	14.8	11.1	14.0	17.1
college degree	21.1	17.5	21.3	25.3	14.8	17.0	20.6	20.3	23.7	21.2	22.8	25.3	25.1	13.8	16.3
some graduate school	2.8	1.5	3.0	4.0	1.6	1.5	1.9	2.6	3.7	3.5	3.4	3.8	4.9	1.2	2.2
graduate degree	18.6	10.1	19.2	28.6	11.9	9.4	14.8	14.1	28.9	24.2	21.7	25.6	39.9	8.8	16.5
Father's Occupation (6)															
artist (including performer)	0.9	0.8	0.9	1.0	1.1	0.8	0.8	0.7	1.5	0.9	0.8	1.0	1.2	0.9	1.3
businessman	29.8	26.0	29.7	34.7	15.6	24.8	34.4	27.5	34.2	28.9	35.6	33.6	38.7	14.4	17.2
clergy or religious worker	0.9	0.6	1.3	0.6	1.4	0.4	1.9	0.7	1.5	4.1	0.3	0.6	0.8	0.8	2.3
college teacher or administrator	0.9	0.4	1.1	1.4	0.8	0.3	0.5	0.7	1.9	1.8	0.9	1.2	2.2	0.6	1.0
doctor or dentist	2.4	0.8	2.3	4.7	1.2	0.6	1.6	1.1	4.7	3.2	3.3	3.7	8.4	0.8	1.7
education (secondary)	3.9	3.1	4.4	4.1	4.0	3.2	2.4	4.4	4.1	5.3	3.7	4.3	3.6	3.4	4.9
education (elementary)	0.9	0.8	1.0	0.9	0.9	0.8	0.9	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.9
engineer	8.2	7.8	7.6	9.6	5.1	7.9	6.6	7.9	7.7	6.4	6.9	9.9	8.8	5.1	5.0
farmer or forester	2.9	3.7	2.7	2.4	1.7	3.6	4.0	3.2	1.2	3.3	2.1	2.8	1.0	2.6	0.5
health professional (non-M.D.)	1.3	1.1	1.3	1.5	1.4	1.1	0.9	1.3	1.3	1.2	1.0	1.6	1.2	1.5	1.2
lawyer	1.8	0.7	1.9	3.2	0.9	0.6	1.3	0.9	3.6	2.2	3.5	2.6	5.5	0.5	1.4
military (career)	1.7	1.2	2.1	1.7	4.6	1.2	1.7	2.5	1.4	1.9	1.3	1.8	1.3	5.3	3.6
research scientist	0.6	0.2	0.6	1.0	0.4	0.2	0.2	0.5	0.8	0.7	0.5	0.9	1.2	0.4	0.4
skilled worker	10.1	12.8	9.9	7.3	9.8	13.2	10.0	11.6	7.2	8.1	8.0	8.0	4.6	9.6	10.0
semi-skilled worker	4.1	5.2	4.0	2.8	5.8	5.5	3.4	4.7	2.8	3.6	3.3	3.0	1.7	6.5	4.8
laborer (unskilled)	2.9	4.0	2.7	2.0	4.1	4.1	3.0	3.1	2.0	2.6	2.7	2.2	1.1	4.2	4.0
unemployed	2.3	2.9	2.2	1.7	5.7	3.0	1.8	2.3	1.9	2.3	2.0	1.8	1.3	5.3	6.1
other	24.2	28.1	24.3	19.4	35.8	28.6	24.5	25.8	21.4	22.8	23.3	20.1	16.7	37.3	33.6
Father's Religious Preference															
Baptist	13.2	11.4	17.4	9.2	61.9	9.9	22.5	20.8	12.1	19.7	3.1	9.8	7.0	66.5	55.4
Buddhist	0.5	0.4	0.3	1.0	0.4	0.3	0.4	0.2	0.6	0.2	0.3	1.0	1.2	0.4	0.3
Congregational	1.2	1.0	1.4	1.2	0.4	0.9	1.7	1.1	2.5	1.7	0.7	1.2	1.1	0.1	0.9
Eastern Orthodox	0.7	0.8	0.5	0.8	0.0	0.9	0.4	0.4	0.8	0.4	0.8	0.8	1.0	0.0	0.1
Episcopal	2.6	1.8	2.9	3.0	2.0	1.6	3.4	2.2	5.0	3.6	1.7	2.8	3.7	1.7	2.4
Islamic	0.4	0.3	0.3	0.5	1.2	0.3	0.2	0.3	0.6	0.3	0.2	0.4	0.8	1.1	1.5
Jewish	3.8	3.2	2.4	6.8	0.2	3.2	3.4	1.7	5.9	1.0	0.7	6.0	9.6	0.2	0.2
LDS (Mormon)	0.3	0.2	0.3	0.4	0.0	0.2	0.1	0.3	0.2	0.2	0.1	0.4	0.2	0.0	0.0
Lutheran	6.7	6.2	6.9	7.0	0.5	5.8	8.7	7.3	4.3	10.3	4.5	7.8	3.8	0.4	0.6
Methodist	9.2	9.1	9.8	8.3	8.7	8.9	10.4	10.9	7.6	11.9	3.6	9.1	5.6	7.0	11.3
Presbyterian	5.1	4.2	5.4	5.9	1.8	4.1	5.1	4.8	6.0	8.1	2.5	6.2	4.9	1.8	1.8
Quaker	0.2	0.2	0.2	0.2	0.1	0.1	0.4	0.1	0.3	0.4	0.1	0.2	0.2	0.1	0.1
Roman Catholic	35.9	42.7	31.1	34.8	5.6	45.1	26.2	30.6	29.0	14.2	70.8	32.8	41.9	4.7	6.8
Seventh-Day Adventist	0.3	0.4	0.2	0.2	0.6	0.4	0.1	0.2	0.3	0.1	0.3	0.2	0.2	0.6	0.7
other Protestant	5.2	5.0	5.9	4.5	1.5	5.1	4.2	4.7	7.1	10.7	2.7	4.6	3.9	1.4	1.7
other religion	4.8	5.2	5.0	3.8	5.9	5.1	6.5	4.5	5.5	7.5	2.2	3.9	3.2	5.4	6.6
none	9.9	7.9	9.9	12.5	9.2	8.1	6.2	9.8	12.1	9.6	5.7	12.7	11.7	8.8	9.7

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less..........	3.1	4.9	2.1	2.1	3.6	5.0	4.1	2.1	2.0	2.0	3.3	2.2	2.0	4.4	2.3
some high school................	6.1	9.5	5.1	3.2	10.0	9.7	7.8	5.9	3.6	4.8	3.8	3.4	2.4	11.8	7.2
high school graduate............	34.3	42.9	33.2	25.0	29.9	44.0	34.8	38.1	24.5	27.2	31.5	27.1	17.3	34.2	23.2
postsecondary other than college	8.0	8.2	8.1	7.4	5.4	8.2	8.4	8.4	7.3	7.4	9.0	7.6	6.8	4.5	6.8
some college....................	16.7	13.9	18.0	18.4	20.3	13.5	17.2	18.3	16.9	19.1	17.2	18.8	16.8	19.4	21.7
college degree..................	19.1	13.5	20.0	25.2	16.1	12.9	17.4	17.0	25.1	23.3	22.2	24.1	29.2	14.6	18.3
some graduate school............	3.0	1.4	3.3	4.5	2.5	1.3	1.8	2.6	4.7	4.2	3.3	4.1	6.2	1.9	3.4
graduate degree.................	9.7	5.7	10.2	14.1	12.2	5.3	8.6	7.7	16.0	12.0	9.8	12.7	19.3	9.1	17.0
Mother's Occupation (6)															
artist (including performer)....	1.6	0.9	1.7	2.2	0.6	0.8	1.5	1.1	3.1	2.0	1.5	2.0	2.9	0.5	0.8
businesswoman...................	14.2	13.6	13.9	15.3	12.3	13.1	17.1	13.6	15.4	13.2	13.3	15.3	15.6	12.0	12.6
business (clerical).............	11.1	12.1	11.2	9.8	8.4	12.4	9.5	12.5	9.1	9.6	9.9	10.4	7.8	8.4	8.3
clergy or religious worker......	0.1	0.1	0.2	0.1	0.1	0.0	0.2	0.2	0.2	0.4	0.1	0.1	0.2	0.1	0.2
college teacher or administrator	0.4	0.2	0.5	0.6	0.5	0.1	0.3	0.3	0.9	0.7	0.4	0.5	1.1	0.3	0.7
doctor or dentist...............	0.4	0.2	0.4	0.7	0.3	0.2	0.3	0.3	0.8	0.4	0.5	0.5	1.3	0.2	0.6
education (secondary)...........	4.0	2.3	4.5	5.2	6.9	2.2	3.2	4.1	5.4	5.4	3.8	5.1	5.8	6.3	7.8
education (elementary)..........	6.7	4.6	7.5	8.0	9.4	4.5	6.0	6.9	8.1	9.5	6.4	8.0	8.3	8.7	10.5
engineer........................	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.3	0.2	0.5
farmer or forester..............	0.3	0.5	0.3	0.2	0.1	0.5	0.3	0.4	0.2	0.3	0.3	0.3	0.1	0.1	0.0
health professional (non.M.D.)..	1.9	1.6	1.9	2.2	2.6	1.6	1.8	1.8	2.0	2.0	1.7	2.2	2.3	2.6	2.6
homemaker (full-time)...........	18.0	19.8	16.9	17.4	7.1	20.2	17.6	16.0	16.2	18.4	21.5	16.7	20.1	8.0	5.9
lawyer..........................	0.3	0.1	0.3	0.4	0.3	0.1	0.3	0.1	0.7	0.3	0.3	0.4	0.8	0.2	0.6
nurse...........................	7.6	7.8	7.6	7.5	7.5	7.9	6.8	7.5	7.3	7.3	9.3	7.7	7.0	6.9	8.3
research scientist..............	0.1	0.0	0.1	0.2	0.2	0.0	0.0	0.1	0.3	0.1	0.1	0.2	0.4	0.2	0.2
social/welfare/recreation worker	1.4	1.1	1.6	1.5	3.8	1.1	1.2	1.4	2.1	1.7	1.2	1.5	1.6	3.4	4.5
skilled worker..................	2.1	2.3	2.0	1.8	2.5	2.3	2.3	2.2	1.8	1.7	1.7	1.9	1.3	2.6	2.4
semi-skilled worker.............	2.6	3.3	2.4	2.1	2.9	3.4	2.6	2.7	1.7	2.2	2.0	2.3	1.4	3.0	2.8
laborer (unskilled).............	1.8	2.1	1.8	1.3	1.7	2.2	1.7	2.1	1.2	1.6	1.6	1.4	0.8	1.5	2.0
unemployed......................	6.1	7.4	5.6	5.2	7.7	7.5	6.5	5.8	5.6	4.9	6.1	5.2	5.0	8.6	6.4
other...........................	19.1	19.7	19.6	17.7	24.8	19.6	20.5	20.8	17.9	18.2	18.3	18.2	16.1	26.4	22.4
Mother's Religious Preference															
Baptist.........................	13.8	12.0	18.2	9.5	63.2	10.4	22.9	21.5	12.8	21.0	3.2	10.1	7.3	67.6	56.8
Buddhist........................	0.6	0.4	0.3	1.1	0.1	0.4	0.4	0.3	0.7	0.2	0.3	1.1	1.3	0.1	0.1
Congregational..................	1.4	1.1	1.6	1.4	0.6	1.0	1.8	1.2	2.8	1.9	0.7	1.4	1.3	0.6	0.7
Eastern Orthodox................	0.6	0.7	0.5	0.8	0.0	0.7	0.6	0.4	0.8	0.4	0.7	0.7	0.9	0.0	0.0
Episcopal.......................	2.9	2.1	3.3	3.4	2.3	1.9	3.7	2.5	5.6	3.9	1.9	3.2	4.3	1.9	2.9
Islamic.........................	0.3	0.2	0.3	0.4	0.8	0.2	0.2	0.2	0.5	0.2	0.2	0.4	0.6	0.7	0.9
Jewish..........................	3.7	3.3	2.2	6.6	0.1	3.3	3.2	1.6	5.4	0.9	0.6	5.9	9.2	0.0	0.2
LDS (Mormon)....................	0.3	0.2	0.3	0.4	0.1	0.2	0.2	0.4	0.2	0.2	0.1	0.4	0.3	0.1	0.1
Lutheran........................	6.9	6.3	7.1	7.2	0.5	6.0	8.5	7.5	4.5	10.7	4.3	8.1	3.9	0.3	0.8
Methodist.......................	9.7	9.5	10.4	8.8	10.3	9.2	11.3	11.6	8.2	12.7	3.8	9.6	5.9	8.5	13.0
Presbyterian....................	5.4	4.3	5.6	6.5	2.3	4.1	5.5	4.9	6.4	8.4	2.5	6.7	5.4	2.2	2.4
Quaker..........................	0.2	0.2	0.2	0.2	0.1	0.2	0.3	0.1	0.3	0.4	0.1	0.1	0.2	0.1	0.0
Roman Catholic..................	37.7	44.3	32.7	36.9	6.8	46.7	27.6	32.4	30.3	14.8	73.8	34.9	44.1	6.1	7.7
Seventh-Day Adventist...........	0.3	0.3	0.3	0.3	0.8	0.4	0.1	0.3	0.3	0.2	0.3	0.3	0.3	0.8	0.8
other Protestant................	5.4	5.0	6.1	4.7	1.8	5.2	4.1	4.8	7.4	11.1	2.6	4.9	4.1	1.6	2.1
other religion..................	5.2	5.7	5.6	4.1	7.5	5.5	6.8	5.2	6.0	8.3	2.3	4.3	3.5	6.7	8.6
none............................	5.7	4.3	5.4	7.8	2.8	4.5	3.0	5.1	7.6	4.7	2.7	7.9	7.3	2.7	2.8

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Deciding to go to College															
become a more cultured person...	35.4	31.7	36.3	39.0	56.9	31.2	35.6	32.5	42.7	39.8	40.0	37.2	45.7	54.0	61.6
could not find a job............	3.3	4.8	2.8	1.9	7.2	5.0	3.4	3.2	2.2	2.4	2.2	2.0	1.5	8.2	5.4
gain general education..........	60.1	58.6	59.7	62.6	75.1	58.2	61.3	56.8	65.2	61.9	62.5	60.8	69.3	76.0	73.7
get a better job................	82.5	85.8	81.0	80.5	90.1	86.1	83.5	83.7	76.2	77.4	80.6	81.4	77.3	89.7	90.6
improve reading and study skills	39.4	42.4	39.6	35.3	68.8	41.8	46.7	39.1	39.4	40.6	41.8	35.4	35.1	71.6	64.4
learn more about things.........	73.8	72.6	73.4	75.9	79.3	72.2	75.7	71.7	77.8	74.1	72.7	75.2	78.4	78.7	80.2
make more money.................	72.6	77.2	70.3	69.9	85.3	77.5	75.0	74.9	63.7	62.8	67.9	71.9	62.5	85.5	84.9
nothing better to do............	2.9	3.7	2.6	2.2	6.7	3.8	3.0	2.7	2.5	2.5	1.9	2.2	2.3	8.0	4.5
parents wanted me to go.........	19.4	18.6	20.2	19.2	33.6	18.2	21.6	20.3	19.7	20.6	19.8	19.1	19.6	34.4	32.4
prepare for graduate school.....	49.9	47.5	48.1	55.8	71.2	46.5	55.0	46.4	50.2	50.1	51.5	54.8	59.3	69.1	74.6
wanted to get away from home....	11.2	8.6	12.4	12.8	18.8	8.1	12.6	12.5	12.4	12.4	10.9	12.9	12.6	19.4	17.8
Reasons Noted as Very Important in Selecting This College															
advice of guidance counselor....	7.5	8.7	7.9	5.4	11.0	8.3	11.4	8.5	7.7	6.0	7.4	5.1	6.3	12.8	8.5
advice of teacher...............	4.1	4.5	4.4	3.0	7.1	4.3	6.0	4.4	5.2	3.8	3.6	2.8	3.9	8.1	5.5
friend suggested attending......	8.2	8.9	8.7	6.7	11.5	8.5	11.4	9.1	7.3	9.6	7.9	6.8	6.2	13.1	9.0
good academic reputation........	56.0	48.5	56.4	65.2	51.1	48.5	48.3	50.1	66.2	61.6	65.0	61.8	77.5	38.2	70.3
good social reputation..........	22.6	19.0	20.8	30.0	26.3	18.7	21.3	19.5	21.2	23.3	24.5	30.7	27.3	26.1	26.7
graduates get good jobs (7).....	33.5	33.4	33.8	33.0	40.9	33.7	31.1	30.9	39.4	33.8	39.4	30.2	43.4	36.0	48.1
low tuition.....................	21.3	26.1	18.9	18.6	24.1	28.4	10.3	29.1	5.0	6.4	6.6	22.8	2.9	30.2	15.2
not offered aid by first choice.	4.6	3.9	5.0	5.1	8.2	3.9	3.7	5.2	4.1	5.1	5.2	5.4	3.6	9.0	6.9
offered financial assistance....	21.4	17.5	26.7	18.3	34.6	16.4	25.7	21.7	26.9	40.6	34.3	15.7	27.6	35.6	33.1
offers special programs.........	22.0	21.4	23.4	20.7	33.6	20.7	26.5	21.8	29.1	23.0	20.7	19.7	24.4	32.1	35.8
recruited by athletic department	4.4	3.0	6.5	3.1	5.2	2.4	7.5	5.7	5.5	10.1	8.1	2.8	4.3	6.5	3.3
recruited by college rep........	3.7	3.2	5.0	2.2	9.1	2.5	7.7	3.7	4.9	9.3	6.8	1.9	3.2	10.4	7.0
relatives wanted me to come.....	7.1	7.9	7.1	6.0	13.5	7.9	7.8	7.2	6.5	7.7	7.0	5.9	6.3	13.6	13.4
wanted to live near home........	19.2	26.3	17.1	13.0	15.9	27.6	17.1	20.3	10.4	14.0	18.3	14.2	8.7	19.4	10.8
Residence Preferred During Fall Term															
with parents or relatives.......	14.9	26.5	11.4	7.2	12.3	28.4	14.0	12.9	8.4	9.2	13.0	7.8	5.2	12.8	11.5
other private home,apt,room.....	32.3	36.6	30.8	29.9	43.8	37.1	32.7	35.1	27.2	24.8	22.6	32.7	19.8	44.7	42.5
college dormitory...............	37.6	24.4	41.6	46.3	27.2	22.6	36.9	35.2	48.8	51.0	49.2	42.1	61.6	23.1	32.8
fraternity or sorority house....	7.3	5.5	7.4	9.4	5.3	5.0	8.6	7.9	6.6	7.2	6.0	10.3	6.0	6.2	4.1
other campus housing............	5.7	4.2	6.7	5.8	8.7	4.0	5.4	6.7	7.1	6.1	7.5	5.6	6.3	10.0	6.9
other...........................	2.1	2.8	2.1	1.4	2.8	2.8	2.4	2.3	1.9	1.8	1.7	1.5	1.1	3.2	2.2
Residence Planned During Fall Term															
with parents or relatives.......	30.4	56.7	17.2	15.8	10.8	61.2	22.2	21.7	9.3	8.1	22.5	17.5	9.7	11.0	10.5
other private home,apt,room.....	6.8	12.7	3.1	4.8	5.5	14.0	3.2	3.4	3.6	2.1	2.2	5.4	2.6	5.5	5.6
college dormitory...............	59.3	27.2	76.4	75.5	80.4	21.3	71.8	71.5	83.3	87.5	73.0	73.2	84.3	80.1	80.8
fraternity or sorority house....	0.6	0.3	0.7	1.0	0.3	0.2	0.5	0.7	0.6	1.0	0.3	1.2	0.4	0.4	0.3
other campus housing............	2.3	2.1	2.3	2.5	2.3	2.2	1.9	2.4	2.8	1.1	1.9	2.4	2.9	2.4	2.3
other...........................	0.6	1.1	0.3	0.3	0.6	1.2	0.4	0.4	0.4	0.2	0.2	0.4	0.2	0.7	0.5

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Insti-tutions	All 2-Year Colleges	All 4-Year Colleges	All Uni-versities	Predom-inantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Prot-estant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family..............	78.2	68.0	81.9	86.6	73.2	66.2	82.3	78.3	88.6	85.1	85.0	85.5	90.8	67.4	83.1
spouse..........................	1.2	1.8	1.0	0.6	1.8	1.9	1.4	1.1	0.9	1.0	0.7	0.7	0.6	2.2	1.0
savings from summer work........	54.4	46.6	55.8	63.1	34.0	46.2	49.8	53.4	58.3	57.9	62.4	63.7	61.2	32.5	36.5
other savings...................	28.6	23.7	29.7	33.8	20.7	23.5	25.3	28.8	31.0	30.2	31.8	33.7	34.4	20.7	20.7
part-time job on campus.........	19.4	12.2	24.4	21.8	25.9	10.8	23.0	20.3	28.9	31.5	29.1	20.1	28.0	27.2	23.7
other part-time job while at col	23.3	28.8	20.0	20.7	17.5	29.7	21.9	22.1	16.1	15.8	22.6	22.5	14.1	17.8	17.0
full-time job while at college..	2.1	2.9	1.9	1.2	4.9	3.0	1.7	2.3	1.5	1.1	1.1	1.4	0.8	5.9	3.2
Pell Grant......................	15.6	16.0	17.7	11.7	37.0	15.4	21.2	16.3	16.7	23.4	18.9	11.5	12.4	37.4	36.4
Supp Educational Oppty Grant....	3.7	2.8	4.6	3.6	9.4	2.5	5.2	3.1	5.8	7.4	6.3	2.8	6.4	8.5	11.0
state scholarship or grant......	9.7	6.8	12.0	10.2	9.4	5.6	15.5	9.1	12.5	19.7	16.3	10.1	10.6	9.6	9.0
College Work-Study Grant........	6.6	3.8	8.8	7.1	12.1	3.3	7.9	4.8	12.6	16.3	14.3	4.9	15.6	10.5	14.7
other college grant.............	20.0	11.7	27.0	20.6	17.9	10.0	24.4	18.8	31.7	46.0	38.1	17.0	34.2	14.6	23.7
other private grant.............	9.1	6.0	10.7	11.0	8.5	5.5	10.3	8.0	12.9	17.4	11.7	9.8	15.3	6.7	11.6
other govt aid (ROTC,BIA,GI,etc)	2.4	2.1	3.0	2.0	3.7	2.2	1.4	3.7	2.2	1.8	1.7	1.9	2.2	4.1	3.0
Federal Guaranteed Student Loan.	20.1	18.8	22.8	17.5	29.0	18.0	25.4	16.4	30.0	32.3	32.6	14.9	27.3	24.4	36.9
National Direct Student Loan....	2.4	1.8	2.8	2.6	4.0	1.6	3.0	2.2	3.5	4.3	3.2	1.9	5.0	2.9	5.7
other college loan..............	5.8	4.7	6.6	6.1	5.9	4.3	8.0	4.8	8.7	8.9	9.0	5.0	9.9	5.3	7.0
other loan......................	5.4	4.8	6.0	5.2	6.6	4.5	7.4	5.0	7.3	7.5	6.8	4.8	6.6	5.9	7.7
other...........................	2.8	2.6	3.1	2.9	3.6	2.5	3.1	2.8	3.3	3.7	3.3	2.8	3.3	3.2	4.2
Received $1,500 or More From															
parents or family..............	52.4	36.8	56.9	67.4	38.2	33.8	59.9	48.8	72.5	61.9	65.5	64.0	80.1	31.2	50.2
spouse..........................	0.3	0.4	0.3	0.2	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.7	0.2
savings from summer work........	6.7	4.9	6.9	9.1	1.5	4.6	6.9	5.9	8.5	7.1	9.3	8.4	11.5	1.7	1.2
other savings...................	5.0	3.4	5.3	6.8	2.3	3.3	4.4	4.1	7.1	6.3	6.6	6.1	9.7	2.3	2.4
part-time job on campus.........	0.8	0.3	0.8	1.6	1.2	0.3	0.7	0.4	1.3	1.2	1.3	0.9	4.2	0.7	2.0
other part-time job while at col	1.3	1.6	1.0	1.3	0.9	1.6	1.3	0.9	1.1	0.8	1.6	1.3	1.4	0.9	1.0
full-time job while at college..	0.5	0.6	0.4	0.4	0.9	0.7	0.3	0.5	0.6	0.2	0.2	0.4	0.3	1.0	0.6
Pell Grant......................	2.5	2.0	3.2	2.1	9.0	1.7	3.8	2.9	3.2	4.2	3.5	1.9	2.8	9.2	8.8
Supp Educational Oppty Grant....	0.5	0.3	0.6	0.5	1.4	0.3	0.5	0.4	1.0	0.9	0.7	0.3	1.4	1.4	1.5
state scholarship or grant......	1.5	0.6	2.1	1.9	1.3	0.4	1.8	1.3	2.2	3.9	3.9	1.6	3.2	1.3	1.2
College Work-Study Grant........	0.3	0.2	0.2	0.4	0.6	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.9	0.7	0.5
other college grant.............	8.2	2.1	12.6	10.0	7.2	1.4	7.3	4.6	20.8	26.6	22.3	5.9	25.2	3.8	13.0
other private grant.............	2.1	1.0	2.4	3.1	2.4	0.9	1.9	1.3	4.0	4.2	2.9	2.2	6.2	1.7	3.5
other govt aid (ROTC,BIA,GI,etc)	1.4	0.9	2.0	1.3	1.8	1.0	0.5	2.7	1.4	0.9	0.8	1.1	1.7	1.8	1.8
Federal Guaranteed Student Loan.	7.3	6.3	8.4	6.7	11.4	6.1	8.6	5.1	13.0	12.6	12.5	5.1	12.9	9.1	15.3
National Direct Student Loan....	0.5	0.4	0.6	0.6	0.8	0.3	0.8	0.3	0.9	0.8	0.7	0.4	1.3	0.6	1.2
other college loan..............	2.4	1.6	2.7	2.9	2.5	1.4	3.0	1.6	4.5	3.8	4.1	2.1	6.0	2.1	3.3
other loan......................	2.6	2.0	3.1	2.9	3.5	1.7	3.7	2.2	4.7	4.2	3.7	2.4	4.7	2.9	4.5
other...........................	1.1	0.9	1.3	1.2	1.3	0.8	1.6	0.9	1.7	1.7	1.6	1.0	1.9	1.2	1.5
Concern about Financing College															
no concern......................	36.7	36.2	36.1	38.4	26.5	35.5	41.2	37.1	37.3	32.6	32.2	38.3	38.9	26.9	25.7
some concern....................	49.0	49.4	49.3	47.9	51.2	50.0	45.0	49.3	47.1	51.4	51.5	47.9	47.6	51.1	51.3
major concern...................	14.3	14.4	14.6	13.7	22.4	14.5	13.8	13.7	15.6	16.0	16.3	13.8	13.5	22.0	23.0

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Students Estimate Chances Are Very Good That They Will															
be elected to an honor society..	7.2	4.8	7.6	9.5	13.2	4.8	5.0	6.5	9.3	9.9	7.4	8.8	12.2	10.2	17.6
be elected to student office....	3.4	3.0	3.8	3.5	8.6	2.9	3.5	3.3	4.6	4.5	3.8	3.2	4.4	7.4	10.5
be satisfied with college.......	51.3	46.8	51.0	57.7	40.8	46.6	48.0	47.0	56.2	56.9	53.6	55.8	64.6	35.7	48.5
change career choice............	13.1	9.8	13.4	16.9	8.2	9.6	10.9	12.5	14.3	15.0	14.6	16.7	17.4	8.4	7.8
change major field..............	14.4	11.4	14.5	18.1	9.7	11.4	11.4	14.2	14.0	14.8	15.4	18.3	17.4	10.3	8.9
drop out permanently............	0.9	1.2	0.8	0.5	2.0	1.2	1.0	0.9	0.8	0.6	0.8	0.5	0.5	2.5	1.2
drop out temporarily............	1.1	1.3	1.1	0.8	1.7	1.3	1.3	1.1	1.2	1.0	0.8	0.8	0.8	2.1	1.2
fail one or more courses........	1.4	1.6	1.4	1.2	2.1	1.6	1.2	1.5	1.3	1.2	0.8	1.3	0.9	2.7	1.3
find job in own field...........	70.7	69.8	70.8	71.8	70.3	70.2	67.7	71.9	68.7	69.8	70.1	72.0	71.4	67.7	74.2
get bachelor's degree...........	71.3	58.9	75.2	81.4	73.5	59.4	55.4	73.1	79.2	77.1	75.3	80.6	84.4	67.5	82.6
get job to pay college expenses.	35.4	34.1	35.4	37.0	28.4	35.2	26.1	34.4	35.1	37.8	38.9	36.8	38.0	27.2	30.1
get tutoring in some courses....	12.7	12.0	13.6	12.4	27.2	11.2	17.5	14.1	13.0	12.8	12.9	13.0	10.2	25.3	30.0
graduate with honors............	11.9	9.2	12.2	14.8	19.6	9.3	8.8	10.8	14.7	13.9	12.0	14.1	17.8	16.4	24.4
join social frat or sorority....	18.2	11.8	19.5	24.1	26.2	11.4	15.0	18.5	20.5	22.5	18.5	23.9	24.9	24.1	29.3
make at least "B" average.......	41.7	37.1	40.1	49.9	40.1	38.1	30.3	36.6	45.1	43.4	44.9	48.4	55.2	33.4	50.3
marry while in college..........	4.4	5.0	4.6	3.5	3.9	5.1	4.5	5.1	3.3	5.2	3.3	3.8	2.3	4.1	3.6
marry within a year after coll..	15.8	15.9	17.3	13.3	14.2	15.7	17.1	18.4	14.1	19.3	14.6	14.0	10.4	14.1	14.3
need extra time for degree......	7.1	6.8	6.8	8.0	10.2	6.6	8.2	7.6	5.6	5.9	6.1	8.8	5.0	10.9	9.1
participate in student protests.	5.4	3.6	6.1	6.7	11.8	3.5	4.4	4.8	9.1	7.0	5.6	6.1	8.7	9.9	14.5
play varsity athletics..........	14.8	12.6	18.7	11.8	16.4	11.4	20.7	16.0	20.6	24.2	21.6	10.9	15.1	17.3	15.1
seek individual counseling......	3.8	3.7	4.1	3.4	9.3	3.6	4.7	3.9	4.3	4.3	4.7	3.4	3.6	10.4	7.7
seek vocational counseling......	5.0	3.9	5.0	6.5	7.4	3.9	3.9	4.4	5.9	5.8	5.4	6.3	7.2	7.1	7.9
transfer to another college.....	12.0	17.7	11.2	6.0	13.1	17.6	19.0	13.0	8.3	10.1	8.3	6.5	4.0	14.6	10.8
work at outside job.............	20.0	24.4	17.6	18.1	13.5	25.6	16.2	19.2	14.2	14.8	20.5	19.0	14.5	13.2	13.8
work full-time while attending..	3.5	5.1	2.9	2.3	5.4	5.5	2.8	3.3	2.4	2.4	2.6	2.5	1.6	6.1	4.2
Objectives Considered to be Essential or Very Important (7)															
achieve in a performing art.....	10.6	9.0	11.4	11.3	13.7	8.7	11.5	10.4	13.9	12.6	10.2	10.9	12.9	14.3	12.9
be authority in my field........	72.0	69.3	72.1	75.4	81.4	69.1	70.6	72.7	72.2	70.3	71.2	75.5	74.9	80.2	83.3
be expert on finance/commerce...	25.9	26.2	25.5	26.2	41.5	26.3	25.0	26.9	22.9	23.1	27.4	26.3	26.1	44.1	37.7
be successful in own business...	52.1	55.0	50.5	51.0	69.6	54.2	60.6	51.4	50.5	45.9	52.3	51.4	49.5	70.4	68.5
be very well off financially....	73.4	76.1	71.4	73.2	86.2	76.3	74.7	75.0	68.1	62.4	71.6	74.4	68.7	84.9	88.2
create artistic work............	12.5	12.2	12.5	12.9	13.2	11.3	18.0	10.8	17.7	11.6	12.6	12.8	13.0	14.6	11.1
develop philosophy of life......	50.5	45.2	52.3	54.5	66.5	44.4	50.3	49.9	56.6	54.9	52.6	53.1	59.7	65.9	67.3
get married.....................	67.3	65.2	68.0	69.1	58.1	64.9	67.5	67.2	67.1	70.1	72.0	68.4	71.6	55.5	61.8
have admin responsibility.......	39.8	39.5	39.6	40.6	53.5	39.8	38.0	41.9	35.8	35.3	40.7	40.8	40.0	55.8	50.2
help others in difficulty.......	56.4	54.4	58.4	56.0	68.8	53.7	59.5	56.8	58.5	63.4	60.2	55.2	59.0	65.3	73.9
influence political structure...	16.8	13.4	17.5	19.9	29.6	13.3	14.2	16.1	20.0	18.5	18.6	18.8	24.1	28.7	30.8
influence social values.........	37.0	33.6	39.3	37.9	52.9	32.7	39.9	37.4	40.4	43.8	41.5	37.2	40.5	51.5	55.0
join org like Peace Corps/VISTA.	7.2	6.4	7.6	7.9	11.2	6.1	8.2	6.1	10.1	8.7	8.7	7.4	9.4	11.7	10.5
keep up to date with politics...	33.4	24.5	34.6	42.8	40.5	24.3	26.2	30.5	41.8	38.2	37.3	40.3	52.0	36.5	46.3
obtain recog from colleagues....	55.1	52.0	55.1	59.2	64.3	52.0	51.8	55.8	55.8	50.2	57.3	59.4	58.2	63.8	65.0
participate in community action.	21.7	18.6	23.3	23.3	39.1	18.0	23.2	21.6	25.6	25.8	24.1	22.1	27.5	35.7	44.2
promote racial understanding....	32.2	27.0	34.6	35.0	68.0	26.4	31.2	31.7	41.1	37.1	33.9	33.4	40.7	63.8	74.1
raise a family..................	67.0	66.2	67.3	67.6	64.0	66.1	66.6	66.4	66.6	69.6	70.7	66.9	70.2	61.6	67.5
theoretical contrib to science..	11.9	10.4	10.8	15.5	16.6	10.8	8.0	10.2	13.4	10.0	9.9	15.8	14.7	15.2	18.7
write original works............	13.0	10.7	13.5	15.2	15.6	10.5	11.6	12.0	16.7	15.0	13.5	14.6	17.3	15.6	15.6

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1988

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Political Views															
far left	2.3	2.7	2.4	1.8	5.1	2.7	2.3	2.3	2.9	2.3	1.6	1.8	1.9	5.5	4.6
liberal	22.0	18.6	22.7	25.2	30.0	18.5	19.9	21.1	28.0	22.0	21.6	25.0	25.7	26.4	35.4
middle of the road	53.9	59.4	52.3	49.2	45.5	59.7	57.2	55.7	45.8	47.2	54.7	50.5	44.1	47.7	42.1
conservative	20.2	17.6	21.0	22.3	17.3	17.4	18.9	19.4	21.6	26.6	20.7	21.1	26.5	17.9	16.4
far right	1.6	1.7	1.6	1.5	2.1	1.8	1.7	1.5	1.8	1.9	1.4	1.5	1.7	2.5	1.5
Agrees Strongly or Somewhat															
abolish death penalty	23.0	22.0	23.9	23.1	36.1	21.6	24.8	21.7	27.0	25.1	28.4	21.9	27.3	35.8	36.4
abortion should be legalized	57.0	52.8	56.0	64.1	59.6	52.6	54.2	56.0	64.4	49.4	46.6	64.8	61.5	57.0	63.3
busing OK to achieve balance	53.7	55.3	54.3	50.8	63.1	54.9	57.8	53.8	55.8	53.8	54.7	50.5	51.8	62.3	64.1
coll appreciated if cost higher	53.3	52.1	54.2	53.4	50.8	51.7	55.0	54.5	54.1	53.5	54.1	53.1	54.4	50.5	51.2
college increases earning power	69.0	74.9	67.4	63.7	75.9	75.4	71.9	72.1	60.4	61.2	64.8	65.9	55.6	76.2	75.5
control AIDS by mandatory tests	67.7	73.1	67.2	61.6	70.2	73.2	72.6	70.3	62.0	63.4	66.0	62.9	56.8	72.4	67.0
employers can require drug tests	71.0	72.1	71.9	68.1	71.5	72.4	70.4	73.3	67.8	73.6	69.4	68.3	67.4	69.8	73.8
govt not controlling pollution	83.9	83.5	83.9	84.6	82.7	83.6	82.8	82.7	86.3	84.7	84.1	84.0	86.6	80.3	86.0
govt not promoting disarmament	66.7	66.0	67.5	66.4	77.6	65.9	66.6	66.7	69.5	66.6	69.6	66.4	66.1	74.5	82.1
govt not protecting consumer	65.4	68.8	65.4	60.8	75.9	69.0	67.3	65.7	66.0	63.9	64.9	61.2	59.5	75.8	76.0
increase fed military spending	26.3	30.1	25.8	22.3	26.9	30.2	29.7	27.9	23.2	23.7	21.0	22.5	21.5	30.9	21.4
live together before marriage	51.3	52.5	48.6	54.1	50.9	53.1	48.7	49.8	54.1	37.8	45.8	55.0	50.9	52.2	49.1
man not entitled to sex on date	83.8	80.7	84.8	86.2	80.9	80.4	82.3	84.3	84.5	87.4	84.6	86.1	86.6	79.5	82.7
marijuana should be legalized	19.3	18.3	18.8	21.5	19.5	18.0	20.1	18.1	23.5	15.6	17.4	21.6	21.1	21.8	16.3
no endow investment in S Africa	46.4	41.4	46.8	52.3	56.7	41.7	39.2	43.9	54.3	47.5	46.7	50.8	57.9	50.9	64.9
nuclear disarmament attainable	60.4	59.5	61.1	60.5	57.8	59.5	59.7	61.1	61.7	59.8	62.3	61.0	58.7	56.6	59.4
only volunteers in Armed Service	53.4	53.1	53.9	53.0	59.5	53.0	53.5	54.1	55.8	52.0	51.4	53.3	51.6	58.6	60.7
prohibit homosexual relations	49.0	54.3	49.6	41.3	49.6	53.9	57.2	53.2	41.3	50.3	44.2	42.7	36.4	51.3	47.1
raise taxes to reduce deficit	27.8	23.5	27.8	33.3	23.5	23.6	22.6	26.5	31.6	28.5	26.2	32.9	34.8	22.4	25.1
sex OK if people like each other	50.0	50.3	47.8	52.9	42.1	51.0	45.7	49.4	52.5	37.5	44.0	53.9	49.3	42.0	42.4
too much concern for criminals	69.1	70.4	68.6	68.2	59.4	71.1	66.0	70.1	65.8	67.5	67.3	68.8	65.8	57.3	62.4
women's activities best in home	25.6	30.5	24.7	21.0	33.9	30.5	30.4	25.5	23.5	23.8	23.4	21.3	19.8	37.3	29.0
Permission to Use Student I.D.															
yes	76.7	73.3	78.4	78.8	79.6	72.8	77.3	79.5	76.5	80.5	71.3	80.3	72.0	82.5	73.2
no	23.3	26.7	21.6	21.2	20.4	27.2	22.7	20.5	23.5	19.5	28.7	19.7	28.0	17.5	26.8

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1988 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategorization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Year Graduated from High school												
1988	98.0	97.0	98.7	97.8	98.5	98.8	98.5	98.2	99.2	98.9	99.2	98.9
1987	1.2	1.6	0.8	1.4	0.9	0.9	1.0	1.0	0.6	0.7	0.6	0.8
1986	0.3	0.5	0.2	0.2	0.2	0.1	0.2	0.2	0.0	0.1	0.0	0.1
1985 or earlier	0.4	0.7	0.2	0.5	0.3	0.1	0.2	0.5	0.1	0.2	0.1	0.0
H.S. equivalency (G.E.D. test)	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
never completed high school	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Age on December 31, 1988												
16 or younger	0.0	0.0	0.1	0.0	0.2	0.3	0.1	0.0	0.1	0.1	0.1	0.2
17	2.0	1.6	3.4	1.9	3.0	4.2	2.7	2.6	4.7	2.4	4.6	6.5
18	73.8	73.5	78.3	73.2	76.8	76.6	79.3	81.1	83.7	79.9	83.3	82.0
19	22.4	22.9	17.0	23.2	18.9	18.2	17.0	15.2	11.0	17.0	11.4	10.9
20	1.2	0.9	0.8	1.0	0.6	0.5	0.6	0.5	0.4	0.4	0.5	0.4
21-24	0.5	0.7	0.3	0.5	0.4	0.1	0.2	0.3	0.1	0.2	0.1	0.0
25-29	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
30-39	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
40-54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)(2)												
White/Caucasian	88.2	91.7	75.3	88.2	84.3	81.2	84.1	89.7	74.0	88.8	83.5	78.4
Black/Negro/Afro-American	5.1	3.6	4.8	3.4	2.8	4.7	8.9	6.3	7.6	4.0	4.3	8.3
American Indian	0.8	0.6	1.1	0.6	0.6	0.7	1.1	0.8	1.1	0.5	0.6	0.9
Asian-American/Oriental	3.2	2.8	14.6	5.0	8.8	10.8	2.5	2.3	12.5	4.1	8.4	10.0
Mexican-American/Chicano	2.5	0.9	3.4	1.2	1.7	1.9	3.5	0.9	3.9	1.4	1.5	2.3
Puerto Rican-American	0.4	0.5	0.9	0.9	0.9	0.9	0.3	0.5	0.8	0.8	1.3	0.8
other	1.3	1.2	3.5	2.2	3.3	3.2	1.4	1.1	3.6	1.9	3.3	3.1
Average High School Grades												
A or A+	11.7	15.9	22.8	11.9	16.4	44.8	15.2	19.3	27.8	20.8	21.0	48.8
A-	11.9	16.5	26.6	13.7	21.3	27.2	14.0	19.8	28.5	21.4	24.9	27.3
B+	17.5	20.1	25.2	20.5	25.9	16.5	20.1	23.7	24.1	22.9	27.1	15.6
B	26.3	23.4	17.4	23.8	23.3	8.2	28.1	23.8	14.8	21.5	20.2	6.7
B-	16.6	13.8	6.0	15.3	9.1	2.5	12.4	8.0	3.7	8.3	5.3	1.3
C+	10.5	7.2	1.5	9.2	3.1	0.7	7.1	3.8	0.9	3.8	1.2	0.2
C	5.4	3.1	0.5	5.4	0.9	0.1	3.0	1.5	0.2	1.4	0.3	0.0
D	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Have Met or Exceeded Recommended Years of Study in (3)												
English (4 years)	97.9	96.3	98.9	98.2	98.1	98.9	98.0	97.3	99.3	98.7	99.0	98.9
mathematics (3 years)	97.8	96.4	99.1	97.9	98.7	99.5	96.5	93.7	98.6	97.6	98.7	99.4
foreign language (2 years)	87.2	79.1	96.5	91.6	96.4	97.8	90.1	85.8	98.1	94.4	97.8	98.8
physical science (2 years)	61.1	64.4	72.0	59.9	67.8	77.8	46.9	50.2	60.8	48.2	58.0	67.4
biological science (2 years)	35.0	35.8	34.7	33.2	34.1	36.3	40.2	41.1	40.6	37.5	39.2	42.6
history/American gov't (1 year)	99.3	99.5	99.6	99.4	99.6	99.7	99.3	99.5	99.6	99.5	99.6	99.7
computer science (1/2 year)	60.2	70.0	61.5	69.5	65.3	63.8	49.8	60.7	52.4	63.7	58.5	56.5
art or music (1 year)	63.1	61.6	58.9	58.4	60.6	63.2	69.7	73.8	69.5	71.7	73.3	75.7

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Estimated Parental Income												
less than $6,000	1.6	2.0	1.9	2.0	1.2	1.2	2.5	2.4	1.9	1.8	1.5	1.2
$6,000 - $9,999	1.4	1.5	2.0	1.3	1.2	1.0	2.7	2.2	2.1	1.4	1.6	0.9
$10,000 - $14,999	2.7	3.4	3.4	2.8	2.1	1.9	4.3	4.6	4.0	3.5	2.9	1.9
$15,000 - $19,999	3.4	4.7	3.4	3.1	2.4	2.5	4.8	5.1	3.7	3.8	2.5	2.7
$20,000 - $24,999	5.2	6.3	4.3	4.8	3.4	3.3	6.2	7.1	4.7	4.6	4.0	3.8
$25,000 - $29,999	5.7	7.0	4.5	4.9	3.8	3.3	6.2	6.8	4.7	5.1	4.2	3.7
$30,000 - $34,999	8.0	8.6	6.5	7.3	5.9	4.7	8.1	9.0	6.5	7.2	5.8	5.1
$35,000 - $39,999	9.2	9.3	6.9	6.9	6.0	5.6	8.3	9.4	7.3	8.0	6.3	5.2
$40,000 - $49,999	13.2	13.9	11.7	10.7	9.1	8.7	12.3	12.8	12.0	10.8	9.5	8.0
$50,000 - $59,999	12.6	13.1	12.9	11.8	10.7	11.1	11.5	12.8	13.4	12.0	10.8	9.7
$60,000 - 74,999	13.3	13.0	15.5	13.6	12.7	13.1	12.6	12.3	15.3	13.2	13.2	12.6
$75,000 - 99,999	9.6	7.8	12.1	10.8	12.5	13.6	8.4	7.4	11.6	11.3	11.7	12.9
$100,000 - 149,999	7.5	5.6	8.7	9.5	13.1	13.3	6.0	4.6	7.1	8.4	11.6	14.0
$150,000 or more	6.6	3.9	5.9	10.6	15.9	16.6	6.1	3.6	5.8	9.0	14.3	18.2
Status of Parents												
living with each other	74.3	77.9	77.0	77.6	78.4	80.3	70.1	74.8	74.6	77.8	77.1	78.3
divorced or separated	21.9	18.3	19.2	18.3	17.7	16.1	25.3	21.2	21.4	18.2	18.7	18.3
one or both deceased	3.8	3.8	3.9	4.1	3.9	3.6	4.6	4.0	4.0	4.0	4.2	3.4
Number of Older Brothers												
none	57.2	55.9	59.0	53.7	56.7	61.9	55.0	55.4	58.9	55.1	56.4	61.1
one	28.6	28.7	28.6	30.2	29.3	26.9	29.5	29.2	29.1	29.6	29.0	27.9
two	9.6	10.0	8.5	10.6	9.5	7.8	10.4	10.1	8.2	10.4	10.6	7.7
three or more	4.6	5.3	3.9	5.5	4.5	3.4	5.1	5.3	3.8	4.9	4.0	3.3
Number of Older Sisters												
none	58.4	56.9	61.3	53.5	55.6	63.8	56.5	57.9	61.4	58.1	58.7	63.2
one	29.3	28.6	27.4	31.5	30.0	25.9	29.4	28.4	27.1	28.7	28.4	26.6
two	8.9	9.6	7.4	9.8	9.9	7.5	9.4	8.9	7.6	9.1	8.6	7.1
three or more	3.4	4.9	3.8	5.2	4.5	2.8	4.7	4.8	3.8	4.1	4.3	3.0
Number of Younger Brothers												
none	60.3	59.0	58.3	57.0	57.5	58.7	58.2	56.6	56.6	56.1	58.3	57.0
one	31.3	31.8	32.9	32.3	33.0	32.0	33.3	34.3	35.2	34.6	33.3	34.4
two	6.7	7.2	7.0	8.6	7.4	7.6	6.9	7.3	6.6	7.3	7.0	7.1
three or more	1.7	2.0	1.8	2.1	2.1	1.7	1.6	1.7	1.6	2.0	1.4	1.4
Number of Younger Sisters												
none	61.0	58.3	59.2	56.4	58.2	58.4	61.8	59.1	59.7	57.9	60.0	61.1
one	31.8	33.3	33.3	35.1	33.4	33.8	30.1	31.4	31.3	32.0	30.8	30.3
two	5.8	6.6	6.2	6.7	6.7	6.3	6.1	7.3	7.3	7.5	7.7	7.0
three or more	1.4	1.7	1.3	1.9	1.7	1.4	1.9	2.2	1.7	2.6	1.4	1.6
Twin Status												
no	98.1	98.2	98.2	98.0	98.5	98.7	98.5	98.3	98.6	98.5	98.3	98.7
yes - identical	0.7	0.6	0.7	0.7	0.6	0.5	0.4	0.6	0.5	0.6	0.6	0.5
yes - fraternal	1.2	1.2	1.1	1.3	0.9	0.8	1.0	1.1	0.9	0.9	1.1	0.7

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Activities Engaged in by Student During the Past Year												
attended a religious service....	75.5	80.1	70.3	81.5	80.1	77.4	83.4	86.0	78.6	90.0	84.1	79.8
cheated on a test in school.....	43.1	38.2	35.1	39.7	39.2	24.5	41.5	36.0	32.6	35.4	34.0	20.4
copied homework from other stdnt	62.3	60.6	58.0	58.5	60.3	49.6	61.3	59.5	55.3	56.0	56.7	43.7
did extra class work/reading (4)	10.1	9.6	10.9	10.4	11.6	14.8	13.8	13.3	13.9	13.8	13.3	17.5
didn't complete homework on time	73.2	70.7	71.2	72.3	72.8	66.2	66.4	64.2	65.8	65.3	68.0	63.3
discussed politics (4)..........	25.4	22.6	31.8	27.5	36.3	43.3	18.2	15.1	24.5	20.6	28.1	37.5
discussed religion (4)..........	19.0	16.3	20.4	23.7	25.5	30.0	23.6	21.6	25.7	31.6	28.2	34.5
discussed sex (4)...............	37.2	34.6	35.9	33.2	37.6	36.9	29.4	28.4	30.7	23.8	29.5	32.1
discussed sports (4)............	59.0	62.0	57.3	60.8	58.5	56.4	30.9	33.0	28.9	29.9	28.2	29.2
drank beer......................	72.4	75.8	70.1	74.0	75.9	71.9	63.3	66.9	58.9	60.1	67.3	62.3
drank wine or liquor............	65.0	68.5	64.2	66.7	70.2	68.0	73.3	76.7	70.7	72.4	78.0	75.3
felt depressed (4)..............	6.8	6.7	8.4	6.5	7.4	8.3	12.6	12.1	13.7	10.3	11.4	13.0
felt overwhelmed (4)............	15.6	15.2	17.4	15.1	17.4	18.3	31.8	31.6	35.7	31.7	34.8	37.1
participated in demonstrations..	32.7	30.3	26.3	33.1	29.1	21.3	38.8	34.9	29.6	35.5	32.7	25.4
smoked cigarettes (4)...........	7.1	6.3	4.6	7.5	6.0	4.4	9.8	8.2	6.2	8.6	9.1	6.4
spoke other language at home (4)	5.7	4.6	14.6	9.2	11.1	12.8	5.9	5.0	13.9	7.2	12.3	12.4
stayed up all night.............	83.0	81.1	79.9	79.9	82.4	77.8	84.7	82.7	82.3	82.1	85.0	81.3
studied with other students.....	88.6	88.8	89.3	89.2	91.0	90.4	91.8	92.2	92.3	91.9	92.3	91.6
tutored another student.........	50.9	51.7	61.9	49.5	58.5	73.2	51.0	52.4	64.0	56.9	62.8	75.1
used a personal computer (4)....	32.3	34.1	39.4	31.8	37.3	49.7	24.1	27.1	27.8	30.8	28.0	39.4
was a guest in teacher's home...	28.4	29.7	28.6	29.9	30.9	40.2	29.7	31.0	30.4	32.4	32.2	40.6
was bored in class..............	96.1	95.9	95.5	95.1	96.0	96.1	97.2	97.2	97.2	97.1	97.4	97.1
won varsity letter in sports....	55.3	60.0	54.6	58.4	58.9	59.1	42.0	47.5	41.6	43.5	45.0	46.1
worked in political campaign....	10.5	8.6	11.1	12.0	14.2	14.3	9.8	7.9	11.8	11.3	13.3	14.9
Racial Comp. of High School												
completely white................	14.2	20.5	8.4	15.9	12.2	10.7	13.3	18.7	8.0	14.9	12.0	9.8
mostly white....................	63.5	65.1	61.6	67.3	68.5	70.4	59.1	63.3	58.6	64.6	65.1	69.8
half white......................	17.0	11.0	21.8	12.2	13.7	14.2	20.0	13.6	23.8	15.8	15.9	15.4
mostly non-white................	4.8	2.5	7.2	4.2	4.5	3.8	6.7	3.2	8.5	3.8	5.9	4.3
completely non-white............	0.5	0.8	1.0	0.4	1.2	0.8	0.9	1.3	1.0	0.9	1.0	0.7
Racial Comp. of Neighborhood												
completely white................	37.2	46.6	26.9	40.4	33.3	32.3	38.5	46.0	28.5	43.1	34.7	31.3
mostly white....................	49.7	45.2	54.6	48.1	52.2	54.7	46.1	44.0	52.0	45.6	50.1	54.0
half white......................	6.0	4.1	8.8	6.0	7.3	6.7	6.2	4.2	9.1	5.9	7.4	7.1
mostly non-white................	4.8	2.6	7.0	4.1	4.9	4.2	6.2	3.5	7.5	3.8	5.7	5.3
completely non-white............	2.3	1.4	2.7	1.4	2.3	2.1	2.9	2.3	2.9	1.7	2.2	2.2
Number of Honors Courses Taken in High School												
none............................	44.6	39.9	19.3	38.7	23.8	10.1	43.7	38.0	17.8	30.7	19.8	9.7
one.............................	12.2	11.2	12.4	14.2	13.5	6.8	12.1	11.6	12.5	13.7	13.2	6.4
two or more.....................	43.2	48.9	68.3	47.1	62.8	83.1	44.2	50.4	69.8	55.6	67.0	83.9
Number of Advanced Placement Courses Taken in HS												
none............................	54.6	51.9	27.2	56.5	32.6	15.7	56.0	54.0	28.1	52.0	33.0	16.4
one.............................	19.8	20.1	22.9	20.6	25.2	16.4	20.6	20.5	24.7	23.4	26.4	16.7
two or more.....................	25.6	27.9	49.8	22.9	42.2	67.9	23.3	25.5	47.2	24.7	40.6	66.9

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Student Rated Self Above Average or Highest 10% in												
academic ability	75.5	79.7	89.3	69.9	86.6	96.5	66.0	73.2	85.0	70.8	82.3	94.2
artistic ability	31.8	27.2	32.3	26.5	30.9	35.8	26.3	25.9	29.6	26.1	28.5	39.1
competitiveness	72.9	74.1	73.5	71.5	74.5	79.6	52.3	51.9	56.2	51.0	55.3	67.2
drive to achieve	70.9	73.2	77.6	72.7	78.0	86.4	69.5	71.5	78.4	72.4	76.3	87.6
emotional health	66.8	67.1	67.6	65.9	71.0	71.2	56.0	54.9	58.7	56.9	59.1	63.7
learn foreign languages	32.5	33.8	45.4	31.5	40.7	55.1	39.5	43.6	55.2	41.9	51.9	66.7
leadership ability	62.6	62.7	62.1	61.7	66.5	72.3	56.2	55.7	56.3	56.4	59.2	69.0
mathematical ability	60.1	61.8	72.3	54.5	64.7	82.4	40.2	43.1	55.2	43.8	48.7	65.8
physical health	73.3	74.5	72.9	72.2	72.9	73.1	53.7	54.1	54.7	52.6	55.1	57.8
popularity	56.0	55.6	52.8	53.9	56.1	59.7	45.9	44.7	43.3	41.4	45.0	49.3
popularity with opposite sex	53.8	51.2	48.3	50.0	52.1	52.4	43.4	41.4	39.3	38.3	39.7	44.0
public speaking ability	37.7	36.9	39.8	37.1	44.9	53.1	34.4	33.3	35.4	33.8	38.8	48.5
self-confidence (intellectual)	66.7	66.6	72.9	63.6	72.9	84.6	51.3	51.8	58.6	51.9	57.7	72.2
self-confidence (social)	54.7	51.4	51.7	52.1	56.0	54.2	47.9	43.9	44.4	43.5	46.9	49.7
writing ability	47.4	46.5	55.9	45.6	57.2	69.5	47.0	48.9	54.3	47.9	54.5	69.7
Prior Credit at This Institution												
no	96.5	97.4	96.6	95.9	97.5	97.5	96.1	97.2	97.0	94.7	97.5	97.7
yes	3.5	2.6	3.4	4.1	2.5	2.5	3.9	2.8	3.0	5.3	2.5	2.3
This College is Student's												
first choice	69.3	71.6	61.2	68.5	60.5	70.2	70.4	72.1	63.7	75.5	61.2	72.4
second choice	22.5	21.5	25.0	23.1	25.9	19.7	22.5	21.8	25.0	18.9	27.5	19.0
third choice	5.5	4.9	8.8	5.6	8.2	6.7	4.8	4.3	7.1	3.9	7.3	5.8
less than third choice	2.7	2.0	5.0	2.7	5.4	3.4	2.3	1.8	4.2	1.7	4.0	2.8
Number of Other Colleges Applied to for Admission This Year												
none	31.3	33.4	9.2	14.7	7.8	7.3	33.9	34.6	9.3	20.5	6.8	8.1
one	15.4	16.8	9.8	11.9	6.8	6.3	17.6	18.0	11.0	14.1	7.3	6.2
two	17.7	16.8	14.9	16.4	10.4	9.6	17.6	17.2	16.5	18.0	11.2	9.7
three	14.9	15.0	19.2	19.9	15.7	14.0	13.3	13.8	19.0	18.0	16.2	12.7
four	8.7	8.0	16.1	15.2	17.5	15.0	7.2	7.1	15.4	12.6	16.8	14.9
five	5.4	4.9	12.7	10.2	15.5	15.3	4.6	4.1	11.9	7.3	15.6	15.2
six or more	6.6	5.3	18.2	11.6	26.2	32.5	5.8	5.2	16.9	9.6	26.1	33.1
Number of Other College Acceptances This Year (5)												
none	12.9	12.3	6.9	8.5	5.6	3.5	10.3	9.3	4.9	5.8	4.3	3.2
one	29.5	29.8	20.2	21.8	16.5	14.6	31.4	32.0	20.7	24.2	15.4	13.2
two	24.9	25.0	24.2	25.3	22.1	19.8	25.3	25.8	24.6	26.5	22.2	18.6
three	17.3	17.9	21.8	23.0	22.3	21.9	17.8	17.9	22.5	21.4	22.6	21.2
four	8.3	8.8	13.5	11.5	16.9	16.2	8.9	8.3	13.3	11.9	17.1	18.0
five	3.7	3.1	7.0	5.2	8.2	10.1	3.6	3.7	7.1	5.2	9.0	10.8
six or more	3.3	3.1	6.5	4.8	8.6	13.9	2.7	3.0	6.8	5.0	9.4	15.0
Student Native English Speaker?												
yes	96.0	96.9	87.1	93.5	91.3	91.2	96.2	97.3	89.0	95.4	91.7	92.7
no	4.0	3.1	12.9	6.5	8.7	8.8	3.8	2.7	11.0	4.6	8.3	7.3

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
HOURS PER WEEK IN THE LAST YEAR SPENT ON												
None												
studying or doing homework	2.5	1.9	1.4	1.4	1.0	0.8	0.5	0.5	0.2	0.4	0.2	0.2
socializing with friends	0.2	0.1	0.3	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.0
talking w/teacher outside class	11.0	8.7	7.5	6.8	6.2	4.1	6.6	5.2	4.7	3.4	4.0	2.3
exercising or sports	2.2	1.8	2.3	2.1	1.8	2.0	4.8	2.9	3.7	2.8	3.0	3.0
partying	9.4	8.9	12.5	8.6	7.8	12.5	11.2	10.6	15.0	10.4	9.1	13.8
working (for pay)	24.1	24.8	32.1	24.9	36.6	48.3	23.5	21.9	29.2	27.8	32.0	45.0
volunteer work	61.2	57.8	55.2	55.1	50.2	45.9	57.3	56.1	49.6	47.6	45.4	37.5
student clubs and groups	36.0	33.9	25.2	30.7	21.7	12.5	21.7	19.0	12.9	14.6	11.4	5.4
watching TV	5.2	4.0	5.3	5.6	5.3	7.6	6.5	5.8	7.0	7.2	7.9	10.5
hobbies	8.2	8.0	6.8	7.9	7.5	7.5	9.9	10.1	8.1	8.8	8.6	7.2
Six or More Hours												
studying or doing homework	35.8	39.0	50.8	43.2	52.4	66.7	45.4	50.4	61.8	54.6	63.1	77.9
socializing with friends	79.4	82.7	79.6	83.5	83.0	82.1	79.3	82.6	79.7	82.9	83.3	83.5
talking w/teacher outside class	6.7	6.2	5.5	8.3	8.7	7.2	8.4	7.8	7.3	10.1	9.1	8.6
exercising or sports	58.1	63.5	58.9	62.6	61.1	61.4	37.6	42.3	39.1	43.2	42.9	46.1
partying	39.7	38.4	32.5	39.8	40.1	30.0	38.3	36.2	28.9	36.2	40.1	28.4
working (for pay)	62.4	62.3	54.7	62.4	48.9	35.3	65.8	67.3	59.6	61.6	56.5	39.5
volunteer work	3.7	3.5	4.5	5.0	7.3	5.6	5.2	4.3	6.1	6.3	6.9	6.6
student clubs and groups	11.1	11.8	13.1	14.8	18.3	23.3	19.7	21.6	20.9	24.6	24.2	31.3
watching TV	35.0	35.4	34.3	33.9	33.6	30.6	26.7	26.1	26.1	23.1	24.6	20.9
hobbies	32.4	30.6	31.5	32.5	31.0	28.9	23.4	20.4	21.3	19.7	21.7	22.5
Sixteen or More Hours												
studying or doing homework	4.8	5.6	11.3	7.3	11.1	19.8	7.7	8.6	15.9	11.3	16.2	29.9
socializing with friends	36.5	38.8	35.4	40.4	38.1	34.1	36.0	36.9	32.3	36.3	37.6	33.3
talking w/teacher outside class	1.4	1.2	1.0	1.9	1.6	1.1	1.5	1.4	1.2	1.7	1.2	0.9
exercising or sports	21.1	23.7	19.3	24.3	22.9	21.0	9.9	10.7	8.5	10.9	10.5	11.2
partying	11.7	9.4	6.2	10.7	9.6	5.2	8.4	6.0	3.8	6.6	6.8	3.4
working (for pay)	41.6	39.8	32.6	39.4	27.2	16.8	40.5	39.1	31.4	35.2	28.3	16.3
volunteer work	1.2	1.0	1.2	1.4	2.0	1.1	1.1	1.1	1.3	1.5	1.4	1.0
student clubs and groups	2.6	2.8	3.0	3.3	4.3	5.6	4.4	4.9	4.3	5.3	5.4	7.4
watching TV	8.0	7.9	6.9	7.6	6.5	5.8	4.8	4.2	4.1	3.6	4.1	3.2
hobbies	8.5	7.0	6.9	8.3	7.8	5.6	4.7	3.3	3.5	3.9	3.9	3.9
Disabilities												
none	85.9	85.9	89.9	85.2	87.7	89.9	88.6	89.1	91.8	90.2	90.1	92.3
hearing	0.8	0.7	0.7	0.9	0.7	0.5	0.5	0.6	0.5	0.6	0.6	0.5
speech	0.2	0.3	0.3	0.3	0.3	0.3	0.1	0.2	0.1	0.1	0.1	0.1
orthopedic	0.5	0.7	0.8	0.8	1.0	0.7	0.7	0.7	0.7	0.7	0.8	0.8
learning disability	1.0	0.5	0.6	1.6	1.1	0.8	0.6	0.3	0.3	0.8	0.8	0.5
health-related	0.8	1.0	0.8	0.8	1.0	0.8	0.7	1.0	0.7	0.8	1.2	0.6
partially sighted or blind	1.7	2.1	2.1	2.1	2.1	2.5	1.4	1.3	1.8	1.3	1.4	1.9
other	1.2	1.5	1.1	1.3	1.3	1.1	0.7	0.7	0.7	0.8	1.0	0.7
U.S. Citizen?												
yes	98.8	98.9	96.3	96.8	95.8	96.0	99.1	99.1	97.1	98.2	97.3	97.1
permanent resident	0.4	0.3	1.4	0.6	0.8	0.8	0.4	0.3	1.1	0.7	0.7	0.8
no	0.8	0.8	2.3	2.6	3.5	3.2	0.5	0.5	1.8	1.1	2.0	2.1

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Highest Degree Planned Anywhere												
none	1.0	1.1	0.6	1.3	0.5	0.3	1.1	0.9	0.4	1.1	0.6	0.4
vocational certificate	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
associate (A.A. or equivalent)	0.3	0.3	0.1	0.2	0.2	0.0	0.4	0.6	0.1	0.2	0.1	0.0
bachelor's (B.A., B.S.)	27.6	30.8	15.3	26.4	14.6	7.5	30.1	29.7	15.2	25.7	15.0	6.7
master's (M.A., M.S.)	41.3	41.4	39.4	39.0	41.8	36.8	38.7	42.0	40.3	40.7	43.8	36.4
Ph.D. or Ed.D.	14.2	13.1	21.1	12.3	17.6	27.7	14.0	12.8	19.9	13.2	17.3	24.9
M.D., D.O., D.D.S., D.V.M.	7.7	6.3	13.9	9.4	9.4	14.1	8.8	6.9	14.4	9.0	8.7	16.2
LL.B. or J.D. (law)	6.3	5.8	8.2	9.7	14.2	12.6	5.7	5.6	8.7	8.6	13.1	14.3
B.D. or M.Div. (divinity)	0.4	0.2	0.3	0.5	0.2	0.2	0.2	0.2	0.1	0.3	0.2	0.1
other	1.1	0.9	1.0	1.1	1.4	0.8	1.0	1.1	0.9	1.2	1.2	1.0
Highest Degree Planned at Freshman College												
none	1.6	2.1	1.3	1.3	0.9	0.4	1.6	1.6	1.1	1.4	0.8	0.5
vocational certificate	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1
associate (A.A. or equivalent)	1.0	1.2	0.5	0.5	2.0	0.2	1.0	1.3	0.8	0.6	2.7	0.2
bachelor's (B.A., B.S.)	53.0	62.9	64.6	66.1	63.9	66.8	55.3	64.9	68.3	68.6	69.2	71.5
master's (M.A., M.S.)	30.2	24.7	21.3	22.0	22.4	20.2	27.8	23.4	19.6	20.4	18.6	17.1
Ph.D. or Ed.D.	5.2	3.4	4.6	2.6	3.3	4.9	5.8	3.2	4.1	2.5	2.9	3.3
M.D., D.O., D.D.S., D.V.M.	5.0	2.6	4.9	2.5	2.5	4.2	5.1	2.1	4.0	2.2	1.9	4.3
LL.B. or J.D. (law)	2.7	2.0	2.0	3.8	3.7	2.7	2.3	2.2	1.6	3.4	3.1	2.6
B.D. or M.Div. (divinity)	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
other	1.0	0.8	0.7	0.8	1.0	0.5	0.9	0.8	0.4	0.9	0.7	0.4
Student's Religious Preference												
Baptist	11.5	6.5	6.5	10.8	3.2	3.8	14.1	8.1	8.2	15.6	3.7	4.9
Buddhist	0.7	0.5	1.8	0.7	1.0	0.8	0.3	0.2	1.3	0.4	0.5	0.6
Congregational	1.0	1.2	1.0	1.2	1.0	0.7	0.8	1.5	1.4	1.0	0.9	1.1
Eastern Orthodox	0.7	0.6	0.7	1.3	0.7	0.7	0.7	0.5	0.8	0.6	0.9	0.6
Episcopal	2.6	1.9	2.8	2.4	2.7	4.3	3.1	2.5	3.7	3.5	3.1	6.0
Islamic	0.4	0.3	0.6	0.6	1.0	0.6	0.3	0.1	0.3	0.3	0.5	0.6
Jewish	5.3	3.5	8.2	5.3	10.2	10.7	5.4	3.1	7.1	3.8	9.9	10.0
LDS (Mormon)	0.5	0.2	0.3	0.2	0.4	0.2	0.6	0.2	0.3	0.2	0.2	0.4
Lutheran	5.9	12.6	2.9	3.7	2.9	2.8	5.5	11.9	3.4	3.7	3.1	3.1
Methodist	9.0	7.6	5.2	4.5	4.0	4.4	11.1	8.4	6.6	7.1	4.7	5.2
Presbyterian	5.8	4.8	5.4	2.8	4.3	5.4	6.2	5.5	5.9	3.8	4.6	6.0
Quaker	0.2	0.1	0.2	0.1	0.3	0.3	0.1	0.1	0.3	0.0	0.3	0.5
Roman Catholic	29.7	36.0	29.9	48.1	44.9	34.7	30.5	38.1	31.1	44.7	46.6	31.8
Seventh-Day Adventist	0.2	0.1	0.3	0.3	0.2	0.2	0.2	0.1	0.3	0.1	0.2	0.2
other Protestant	4.6	4.3	3.9	3.7	3.0	3.4	3.9	4.3	4.1	4.1	2.5	3.6
other religion	4.8	3.8	4.4	2.9	3.6	4.3	5.0	4.1	5.0	3.9	3.5	4.4
none	17.1	16.1	25.8	11.4	16.7	22.7	12.2	11.5	20.1	7.2	14.8	21.0
Student Born-Again Christian?												
no	80.3	84.1	87.3	81.1	90.5	90.4	78.3	82.5	85.1	74.1	90.6	89.5
yes	19.7	15.9	12.7	18.9	9.5	9.6	21.7	17.5	14.9	25.9	9.4	10.5

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
PROBABLE MAJOR FIELD OF STUDY												
Arts and Humanities												
arts	1.8	1.0	1.0	1.1	1.2	1.1	2.7	2.4	2.1	2.0	1.5	2.1
English	0.8	0.8	2.1	0.9	2.3	3.6	1.2	1.4	3.2	1.6	3.1	5.5
history	0.8	0.9	1.6	1.0	2.2	2.8	0.3	0.5	1.0	0.7	1.3	2.4
journalism	1.7	3.3	1.2	2.2	1.8	1.2	3.5	5.1	2.0	3.8	4.0	2.9
language or literature	0.2	0.3	0.7	0.4	0.5	1.0	1.0	1.3	1.8	0.8	1.8	3.5
music	1.6	0.8	0.6	1.0	2.0	1.0	1.2	0.7	0.5	1.4	1.7	1.2
philosophy	0.3	0.1	0.5	0.4	0.7	1.1	0.1	0.0	0.2	0.1	0.2	0.5
speech	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.2	0.2	0.6	0.1	0.3
theater or drama	0.6	0.5	0.6	0.4	0.8	1.1	0.9	0.8	1.1	1.2	1.3	1.6
theology or religion	0.0	0.0	0.1	0.3	0.1	0.2	0.0	0.0	0.0	0.2	0.0	0.1
other humanities	0.6	0.4	0.6	0.7	0.7	0.8	1.3	0.8	0.9	1.0	1.2	1.6
Biological Sciences												
general biology	1.5	1.5	5.1	2.6	3.0	3.0	1.5	1.6	5.1	2.3	3.2	4.3
biochemistry or biophysics	0.7	0.9	2.5	0.6	0.7	1.8	0.3	0.4	1.7	0.5	0.7	1.7
botany	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
marine (life) science	0.6	0.4	0.7	0.3	0.5	0.2	0.5	0.3	0.9	0.2	0.4	0.3
microbiology or bacteriology	0.3	0.3	0.6	0.1	0.3	0.4	0.3	0.4	0.7	0.1	0.3	0.4
zoology	0.3	0.3	1.2	0.1	0.1	0.1	0.5	0.3	1.2	0.1	0.1	0.1
other biological sciences	0.3	0.7	1.6	0.2	0.4	0.5	0.4	0.7	1.5	0.2	0.4	1.0
Business												
accounting	4.6	6.4	2.8	7.4	4.1	1.0	4.9	6.6	2.9	7.1	4.0	1.0
business administration	9.0	6.6	6.6	8.5	8.5	4.5	6.3	4.7	4.7	5.4	5.4	2.7
finance	4.2	4.3	3.8	7.2	6.1	3.4	1.6	2.0	1.6	2.4	2.6	1.5
marketing	3.7	3.1	2.2	6.0	3.4	0.9	3.5	3.1	2.6	4.2	3.8	1.2
management	4.6	4.6	3.7	6.9	4.1	2.6	2.8	3.8	2.3	3.5	2.6	1.7
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0
other business	2.2	1.5	1.2	4.0	2.7	0.7	1.8	1.4	1.0	2.7	2.6	0.9
Education												
business education	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
elementary education	0.2	0.2	0.1	0.1	0.0	0.0	4.4	4.7	2.1	4.1	1.3	0.7
music or art education	0.3	0.2	0.0	0.1	0.1	0.0	0.4	0.3	0.2	0.3	0.2	0.1
physical education or recreation	0.5	0.5	0.5	0.4	0.0	0.0	0.4	0.3	0.2	0.4	0.2	0.0
secondary education	1.0	1.0	0.6	0.6	0.3	0.2	1.6	2.3	1.3	1.5	0.7	0.3
special education	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.3	1.0	0.3	0.2
other education	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.2	0.4	0.1	0.2
Engineering												
aeronautical/astronautical eng.	4.6	4.0	2.3	0.6	1.9	2.3	0.9	0.7	0.5	0.1	0.5	0.7
civil engineering	1.6	2.4	1.5	2.6	1.7	1.6	0.4	0.3	0.4	0.3	0.6	0.5
chemical engineering	1.6	1.8	0.8	0.5	1.2	2.0	0.7	0.7	0.6	0.2	0.5	1.7
electrical engineering	6.0	7.1	5.2	5.9	4.8	7.9	0.8	0.8	0.8	0.7	0.8	1.3
industrial engineering	0.5	0.7	0.3	0.4	0.2	0.4	0.4	0.2	0.1	0.2	0.1	0.2
mechanical engineering	4.6	5.0	3.0	4.1	3.0	4.3	0.5	0.5	0.4	0.4	0.6	0.7
other engineering	2.9	2.1	1.8	1.3	1.5	4.2	0.9	0.4	0.9	0.6	0.9	2.6

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
PROBABLE MAJOR FIELD OF STUDY												
Physical Sciences												
astronomy	0.4	0.1	0.3	0.0	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.1
atmospheric science	0.2	0.5	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
chemistry	0.6	0.9	1.6	0.7	1.0	1.7	0.4	0.7	1.1	0.7	0.7	1.4
earth science	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0
marine science	0.2	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.1
mathematics	0.5	0.6	1.2	0.4	0.5	1.8	0.3	0.6	1.3	0.5	0.8	1.2
physics	0.7	0.8	2.2	0.6	1.1	2.6	0.1	0.2	0.4	0.1	0.3	0.8
statistics	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1
other physical sciences	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1
Professional												
architecture	3.5	1.8	1.0	0.3	1.8	2.0	1.0	0.6	0.7	0.2	1.1	1.5
home economics	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.2	0.3	0.0	0.0
health technology	0.6	0.5	0.7	0.7	0.6	0.4	1.1	1.2	0.9	1.0	0.3	0.3
library science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.2	0.2	0.0	0.1	0.0	0.0	3.5	3.6	1.1	3.0	2.1	1.0
pharmacy	1.5	1.1	0.4	1.0	0.4	0.0	2.5	2.0	0.9	1.7	1.1	0.1
premed,predent,prevet	4.6	3.8	6.1	5.0	4.2	6.5	5.6	4.2	6.5	4.8	4.1	7.0
therapy	0.9	1.7	0.8	1.3	0.3	0.1	3.5	5.4	1.8	4.9	0.6	0.4
other professional	1.5	1.3	0.8	1.3	1.5	0.7	1.4	1.7	1.0	1.2	1.2	1.0
Social Sciences												
anthropology	0.1	0.2	0.3	0.1	0.1	0.2	0.4	0.2	0.5	0.0	0.3	0.4
economics	0.4	0.7	2.4	0.6	2.1	4.1	0.3	0.3	1.2	0.2	0.8	1.9
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
geography	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.0	2.8	6.3	3.9	11.5	9.7	3.5	3.0	7.2	4.4	13.2	13.4
psychology	2.4	1.8	2.5	1.5	1.8	1.5	7.5	6.0	7.8	6.8	6.9	5.0
social work	0.0	0.2	0.0	0.1	0.0	0.1	0.8	1.2	0.5	0.6	0.3	0.3
sociology	0.1	0.1	0.3	0.1	0.1	0.1	0.6	0.3	0.7	0.4	0.5	0.7
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
other social sciences	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.2	0.4	0.2	0.3	0.3
Technical												
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing	0.7	0.9	1.0	0.5	0.3	0.4	0.3	0.2	0.4	0.2	0.1	0.1
drafting or design	0.1	0.2	0.1	0.1	0.0	0.1	0.2	0.1	0.2	0.2	0.0	0.1
electronics	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
mechanics	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Fields												
agriculture	1.2	1.9	0.2	0.0	0.0	0.0	1.1	0.6	0.1	0.0	0.0	0.0
communications	1.8	2.2	1.9	3.3	2.7	1.0	3.0	4.0	3.2	6.0	3.9	2.1
computer science	1.0	2.2	2.4	1.1	1.1	1.8	0.6	0.7	1.0	0.6	0.5	0.5
forestry	0.2	0.5	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0
law enforcement	1.1	0.9	0.3	2.8	0.5	0.1	0.8	0.6	0.3	0.9	0.5	0.1
military science	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
other fields	0.9	1.6	0.4	0.7	0.4	0.3	1.1	1.2	0.7	1.0	0.7	0.4
undecided	6.0	5.3	7.6	3.8	5.9	7.7	9.4	8.4	11.5	7.2	10.1	11.2

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Probable Career Occupation												
accountant or actuary	4.1	5.9	2.7	6.0	3.4	0.9	4.8	6.3	3.0	6.5	3.9	1.0
actor or entertainer	1.0	0.9	0.9	1.0	1.6	1.4	1.6	0.9	1.3	1.5	1.9	2.0
architect	4.1	2.1	2.1	0.9	2.1	2.2	1.0	0.6	1.1	0.4	1.3	1.7
artist	1.3	0.9	0.9	0.7	0.7	0.9	1.5	1.7	1.4	1.3	1.0	1.7
business (clerical)	0.5	0.2	0.1	0.3	0.2	0.0	0.4	0.4	0.2	0.3	0.2	0.1
business (management)	14.2	14.0	13.4	18.8	16.6	13.1	10.5	10.9	9.9	11.3	12.0	8.6
business owner or proprietor	5.5	4.2	3.5	8.6	6.0	3.6	2.5	1.9	1.7	2.7	2.4	1.6
business salesperson or buyer	1.6	1.3	0.8	2.1	1.3	0.4	1.6	1.3	0.7	1.6	0.8	0.3
clergy (minister,priest)	0.1	0.1	0.1	0.5	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0
clergy (other religious)	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.1
clinical psychologist	0.9	0.7	0.8	0.5	0.8	0.5	3.0	2.9	3.2	2.8	2.8	2.0
college teacher	0.3	0.3	0.8	0.2	0.4	1.5	0.4	0.3	0.6	0.6	0.3	1.0
computer programmer or analyst	2.1	2.9	3.1	1.7	1.6	2.3	0.9	0.9	1.3	0.7	0.6	0.5
conservationist or forester	0.3	1.1	0.3	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.2
dentist (incl orthodontist)	1.0	0.7	1.0	1.2	0.7	0.3	0.8	0.4	0.8	0.7	0.4	0.1
dietitian or home economist	0.0	0.0	0.1	0.1	0.0	0.0	0.4	0.5	0.2	0.2	0.1	0.1
engineer	20.2	20.0	15.9	14.1	12.3	16.8	4.5	3.4	3.6	2.5	3.7	5.9
farmer or rancher	0.5	1.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0
foreign service worker	0.6	0.7	1.4	0.9	3.7	3.1	1.5	1.3	3.0	2.1	6.8	6.9
homemaker (full-time)	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.2	0.1
interior decorator	0.1	0.0	0.0	0.1	0.1	0.0	1.4	1.0	0.5	0.7	0.5	0.1
intepreter (translator)	0.1	0.1	0.1	0.0	0.0	0.1	0.4	0.4	0.6	0.4	0.5	0.5
lab technician or hygienist	0.1	0.3	0.2	0.1	0.1	0.1	0.5	0.6	0.3	0.3	0.1	0.0
law enforcement officer	0.9	0.7	0.4	1.8	0.4	0.0	0.4	0.2	0.1	0.4	0.2	0.0
lawyer (attorney) or judge	7.0	6.2	8.6	9.5	14.4	10.6	7.0	6.5	8.8	9.0	12.4	12.1
military service (career)	1.7	1.6	0.7	0.7	1.3	1.0	0.2	0.1	0.1	0.1	0.2	0.1
musician (performer,composer)	1.8	0.9	1.0	1.3	2.1	1.0	1.1	0.7	0.5	1.0	1.4	1.0
nurse	0.1	0.2	0.0	0.1	0.0	0.0	3.5	3.4	1.2	3.0	2.1	0.9
optometrist	0.7	0.3	0.3	0.2	0.1	0.1	0.4	0.3	0.4	0.3	0.1	0.2
pharmacist	1.5	1.2	0.8	1.1	0.5	0.0	2.7	2.0	1.7	1.9	1.3	0.1
physician	5.3	4.6	12.0	7.6	8.0	12.6	5.5	4.3	10.9	6.5	7.2	13.1
school counselor	0.1	0.1	0.2	0.1	0.1	0.1	0.4	0.4	0.4	0.4	0.2	0.1
school principal/superintendent	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
scientific researcher	2.1	2.6	4.3	1.1	1.7	4.8	1.6	1.7	3.0	1.0	1.6	3.6
social/welfare/recreation worker	0.1	0.2	0.1	0.1	0.2	0.1	1.6	1.6	1.1	0.9	1.0	0.7
statistician	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1
therapist (phys,occup,speech)	1.0	1.6	0.9	1.3	0.4	0.2	3.9	6.1	2.8	5.8	1.2	0.4
teacher (elementary)	0.3	0.3	0.2	0.2	0.1	0.1	4.8	5.5	2.5	5.0	1.5	0.8
teacher (secondary)	1.9	2.1	1.7	1.1	1.0	1.0	2.6	3.4	2.6	2.4	1.5	1.0
veterinarian	0.9	0.7	0.9	0.3	0.2	0.2	1.6	1.4	1.8	0.3	0.4	0.4
writer or journalist	2.0	3.7	2.6	2.9	3.0	3.2	4.2	5.9	3.8	4.8	5.7	6.2
skilled trades	0.3	0.5	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
other career	4.7	5.9	3.8	4.0	3.8	2.4	7.1	6.6	5.9	6.8	5.9	4.2
undecided	8.6	9.1	12.9	7.9	10.6	14.8	13.5	13.6	18.5	13.2	16.4	20.5
Miles from College to Home												
5 or less	5.6	4.5	2.7	5.1	3.3	1.9	5.4	4.5	2.1	3.4	3.6	1.7
6-10	10.7	4.1	3.0	7.8	4.5	1.8	11.3	4.2	2.9	5.8	4.3	1.9
11-50	22.7	15.6	19.4	24.1	19.3	9.8	24.0	16.3	19.1	19.9	19.7	8.4
51-100	14.2	19.2	21.5	14.3	8.1	5.8	15.2	19.9	21.8	14.1	7.7	5.5
101-500	31.1	49.9	43.2	32.8	39.2	31.9	28.8	47.0	43.1	37.2	38.4	30.5
more than 500	15.7	6.8	10.1	15.9	25.6	48.7	15.3	8.1	11.1	19.6	26.3	52.0

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Father's Education												
grammar school or less..........	2.1	2.1	2.9	3.3	2.0	1.3	3.1	2.7	3.2	2.6	2.3	1.5
some high school................	4.2	4.3	3.4	5.2	3.3	2.0	5.3	4.9	3.7	3.8	3.0	1.4
high school graduate............	18.6	22.0	12.3	16.1	10.6	6.8	20.9	22.9	12.6	13.8	10.7	5.9
postsecondary other than college	4.2	5.7	3.3	3.7	2.8	1.8	4.3	5.4	3.6	3.6	3.6	2.0
some college....................	16.5	14.2	12.3	13.7	10.9	7.2	16.2	14.7	13.5	14.9	11.9	7.2
college degree..................	25.6	26.2	26.4	26.3	26.7	22.5	24.2	24.6	25.5	27.8	25.5	21.1
some graduate school............	3.6	3.7	4.7	4.0	4.6	5.3	3.1	3.6	4.6	4.6	5.1	5.9
graduate degree.................	25.1	21.8	34.6	27.7	39.1	53.1	22.8	21.2	33.4	29.0	37.9	55.0
Father's Occupation (6)												
artist (including performer)....	0.9	1.0	1.2	0.9	1.4	1.4	1.0	0.8	1.2	0.8	1.1	1.7
businessman.....................	35.7	32.9	33.1	41.1	41.9	35.9	33.9	32.7	32.7	40.2	39.7	32.7
clergy or religious worker......	0.6	0.5	0.5	1.2	0.6	0.8	0.6	0.5	0.6	1.1	0.5	0.6
college teacher or administrator	0.8	1.0	1.9	0.9	1.6	4.0	0.7	1.3	2.2	1.3	1.7	3.9
doctor or dentist...............	3.8	2.8	5.4	4.8	8.6	11.5	3.6	2.5	5.0	4.9	8.1	13.1
education (secondary)...........	4.0	4.7	4.9	3.8	3.5	4.4	3.5	4.4	4.4	3.1	3.1	3.6
education (elementary)..........	0.9	1.1	1.1	0.7	0.9	1.0	0.7	0.7	0.8	0.6	0.6	0.9
engineer........................	10.5	9.1	11.0	9.3	8.0	8.8	9.5	8.6	11.0	9.0	8.5	9.3
farmer or forester..............	1.7	6.0	0.7	1.1	0.8	0.7	1.4	4.8	1.1	1.5	1.0	0.8
health professional (non-M.D.)..	1.9	1.6	1.8	1.3	1.3	1.0	1.4	1.2	1.6	1.4	1.2	1.0
lawyer..........................	2.8	2.0	3.4	3.4	5.7	7.0	2.7	1.9	3.2	3.5	5.3	8.4
military (career)...............	2.1	1.6	1.8	1.1	1.4	1.2	1.8	1.7	2.0	1.5	1.2	1.1
research scientist..............	0.7	0.8	1.8	0.5	1.1	2.2	0.6	0.6	1.5	0.6	1.0	2.0
skilled worker..................	8.9	9.0	6.5	7.1	4.3	3.1	8.1	8.4	5.8	5.9	4.0	2.9
semi-skilled worker.............	3.1	3.7	2.9	2.7	1.3	1.6	2.9	3.1	2.2	1.6	1.6	1.3
laborer (unskilled).............	2.2	2.4	1.6	1.6	0.9	0.7	2.7	2.3	1.7	1.2	1.2	0.9
unemployed......................	1.4	1.4	1.7	1.1	1.1	1.1	2.2	2.2	1.8	1.5	1.6	1.3
other...........................	17.7	18.4	18.6	17.3	15.6	13.5	22.6	22.0	21.2	20.5	18.7	14.6
Father's Religious Preference												
Baptist.........................	12.3	7.0	6.7	10.7	3.7	4.3	14.2	8.1	8.0	14.1	3.7	5.3
Buddhist........................	0.5	0.4	3.1	1.1	1.6	1.2	0.3	0.3	2.3	0.7	1.2	1.1
Congregational..................	0.9	1.4	1.0	1.3	1.0	1.1	1.0	1.5	1.3	1.0	0.9	1.2
Eastern Orthodox................	0.8	0.8	0.8	1.4	0.9	1.0	0.8	0.6	0.9	0.8	1.1	0.9
Episcopal.......................	2.7	2.1	3.5	2.5	3.1	4.8	2.9	2.4	3.6	3.5	3.2	5.6
Islamic.........................	0.5	0.3	0.9	0.7	1.1	0.8	0.3	0.2	0.5	0.4	0.7	0.9
Jewish..........................	6.2	4.1	9.7	6.5	11.8	12.4	6.0	3.6	8.2	4.2	11.2	12.2
LDS (Mormon)....................	0.5	0.2	0.4	0.2	0.4	0.3	0.7	0.2	0.3	0.2	0.1	0.4
Lutheran........................	6.2	13.6	3.4	4.2	3.6	3.2	5.7	12.5	3.8	4.5	3.5	3.4
Methodist.......................	10.4	8.8	5.8	5.0	4.1	5.5	11.6	8.9	7.0	7.9	5.2	5.8
Presbyterian....................	6.8	5.4	6.4	3.1	5.0	6.0	6.4	5.8	6.3	3.9	5.1	6.5
Quaker..........................	0.2	0.1	0.3	0.1	0.3	0.2	0.1	0.1	0.2	0.0	0.2	0.4
Roman Catholic..................	30.6	36.9	31.5	47.8	45.0	36.2	29.3	37.2	31.6	43.8	45.3	31.6
Seventh-Day Adventist...........	0.2	0.2	0.4	0.3	0.2	0.3	0.2	0.2	0.3	0.1	0.2	0.2
other Protestant................	5.0	4.9	4.6	4.5	3.9	4.0	4.5	4.4	4.5	4.2	3.0	3.6
other religion..................	4.3	3.5	3.8	2.8	3.0	3.8	4.4	3.5	4.1	3.2	2.7	3.6
none............................	11.8	10.3	17.7	7.8	11.2	14.9	11.7	10.7	16.9	7.4	12.7	17.1

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Mother's Education												
grammar school or less..........	1.6	1.4	3.0	2.8	1.9	1.3	2.3	2.0	3.3	2.3	2.4	1.3
some high school................	3.2	3.0	3.3	3.4	2.8	1.4	4.2	3.3	3.4	3.0	2.5	1.2
high school graduate............	29.6	30.5	19.1	25.9	17.6	11.6	29.7	29.9	18.5	20.3	17.2	9.4
postsecondary other than college	7.3	8.8	6.5	7.7	6.4	5.8	6.7	9.2	6.6	7.6	7.2	5.7
some college....................	19.5	17.9	17.2	17.6	17.1	14.0	20.3	19.1	17.6	20.9	16.7	14.2
college degree..................	22.6	24.2	28.8	25.2	29.7	32.1	20.6	23.3	28.7	27.6	28.8	32.2
some graduate school............	3.7	3.7	5.1	4.4	5.9	8.7	3.9	3.5	5.3	4.5	6.2	7.9
graduate degree.................	12.5	10.5	17.1	13.1	18.6	25.1	12.2	9.7	16.6	13.7	19.1	28.0
Mother's Occupation (6)												
artist (including performer)....	2.3	1.7	2.4	2.5	2.6	3.8	1.9	1.7	2.2	2.2	2.4	4.0
businesswoman...................	15.8	14.1	15.3	14.9	17.6	14.6	16.0	14.8	15.5	15.1	16.6	14.2
business (clerical).............	10.2	10.8	8.9	9.3	7.6	6.8	10.0	12.7	9.1	8.4	8.0	6.2
clergy or religious worker......	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2
college teacher or administrator	0.4	0.4	0.8	0.6	0.7	2.0	0.4	0.4	0.8	0.7	0.9	2.1
doctor or dentist...............	0.6	0.5	0.8	0.9	1.5	1.8	0.4	0.2	0.7	0.6	1.0	2.1
education (secondary)...........	4.8	5.2	6.1	4.7	5.4	7.0	4.7	4.3	5.9	5.0	5.5	7.3
education (elementary)..........	8.0	7.8	9.7	7.5	7.6	8.5	7.1	7.2	9.0	9.7	8.2	8.1
engineer........................	0.3	0.2	0.4	0.1	0.2	0.4	0.2	0.2	0.3	0.3	0.2	0.5
farmer or forester..............	0.2	0.4	0.3	0.1	0.2	0.2	0.2	0.4	0.1	0.2	0.1	0.1
health professional (non.M.D.)..	2.0	2.1	2.2	2.4	2.2	2.6	2.0	2.5	2.5	1.9	2.3	2.5
homemaker (full-time)...........	16.0	17.7	15.8	19.9	19.2	21.1	16.9	16.9	16.3	21.1	18.8	20.7
lawyer..........................	0.3	0.3	0.6	0.3	0.7	1.1	0.3	0.2	0.5	0.4	0.8	1.4
nurse...........................	7.3	8.1	7.4	7.5	6.9	6.3	7.6	8.1	7.5	7.7	7.2	6.3
research scientist..............	0.1	0.2	0.4	0.1	0.2	1.0	0.1	0.1	0.4	0.1	0.3	0.7
social/welfare/recreation worker	1.4	1.5	2.0	1.2	1.7	2.1	1.3	1.1	1.6	0.9	1.8	2.2
skilled worker..................	2.4	2.0	1.6	2.1	1.4	1.1	1.9	1.8	1.7	1.1	1.2	0.9
semi-skilled worker.............	2.4	2.9	2.4	2.3	1.2	1.2	1.8	2.2	1.9	1.4	1.1	0.9
laborer (unskilled).............	1.6	1.6	1.3	1.3	0.8	0.5	1.5	1.4	1.2	1.0	0.5	0.6
unemployed......................	6.3	4.9	5.3	6.2	5.5	4.6	5.9	4.3	4.2	4.5	4.9	4.0
other...........................	17.3	17.3	16.2	16.0	16.6	13.4	19.6	19.5	18.6	17.7	17.6	15.2
Mother's Religious Preference												
Baptist.........................	12.5	7.0	7.1	10.9	3.3	4.5	14.6	8.6	8.6	15.0	3.9	5.9
Buddhist........................	0.5	0.4	3.5	1.1	1.8	1.3	0.5	0.3	2.6	0.8	1.5	1.4
Congregational..................	1.0	1.7	1.2	1.4	1.2	1.3	1.1	1.8	1.6	1.2	1.1	1.6
Eastern Orthodox................	0.7	0.6	0.7	1.3	0.7	1.1	0.7	0.5	1.0	0.7	1.0	0.8
Episcopal.......................	3.1	2.4	3.9	2.9	3.5	5.6	3.3	2.6	4.3	3.7	3.6	6.7
Islamic.........................	0.4	0.3	0.8	0.6	1.0	0.7	0.3	0.1	0.4	0.3	0.5	0.7
Jewish..........................	6.1	4.0	9.4	6.1	11.3	12.3	5.8	3.5	8.0	4.2	10.6	11.2
LDS (Mormon)....................	0.5	0.2	0.4	0.1	0.4	0.3	0.6	0.2	0.4	0.2	0.2	0.4
Lutheran........................	6.5	13.8	3.6	4.2	3.9	3.6	6.3	12.6	4.0	4.2	3.9	4.0
Methodist.......................	10.7	9.3	6.4	5.1	4.7	5.8	12.2	9.3	7.6	8.0	5.3	6.5
Presbyterian....................	7.0	5.9	7.1	3.4	5.6	6.7	7.1	6.4	6.9	4.3	5.6	7.4
Quaker..........................	0.2	0.1	0.2	0.1	0.3	0.2	0.1	0.1	0.2	0.0	0.2	0.5
Roman Catholic..................	32.4	39.2	33.6	50.1	47.5	37.6	31.4	39.4	33.5	45.7	48.2	34.0
Seventh-Day Adventist...........	0.2	0.1	0.4	0.3	0.3	0.3	0.3	0.1	0.4	0.1	0.2	0.3
other Protestant................	5.5	4.9	5.2	4.3	4.1	4.4	4.4	4.7	4.8	4.1	3.1	4.4
other religion..................	4.7	3.6	4.1	3.3	3.2	3.9	4.8	4.0	4.6	3.4	3.2	3.9
none............................	7.8	6.4	12.3	4.7	7.2	10.4	6.4	5.8	11.1	4.0	7.8	10.3

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Reasons Noted as Very Important in Deciding to go to College												
become a more cultured person...	30.5	26.6	34.7	33.6	37.3	44.5	42.9	40.8	50.8	47.9	53.9	60.9
could not find a job...........	2.6	1.6	1.8	2.3	1.7	0.8	2.4	1.8	1.4	1.8	1.2	0.8
gain general education..........	54.0	48.7	59.9	57.7	60.2	72.2	68.1	63.5	73.6	70.5	74.3	84.3
get a better job...............	82.1	82.7	78.3	83.3	78.2	73.4	82.2	82.9	78.0	80.0	78.3	68.8
improve reading and study skills	34.4	28.2	32.4	35.4	33.1	30.5	41.9	35.6	38.9	39.0	37.9	34.9
learn more about things.........	70.6	67.9	74.1	68.9	72.4	80.4	79.7	77.4	83.2	79.1	82.3	90.0
make more money.................	79.2	76.5	69.4	75.5	68.9	58.3	71.8	69.3	60.3	62.0	60.8	45.6
nothing better to do............	2.7	2.2	3.5	2.4	3.0	3.3	1.9	1.3	2.0	1.3	1.7	2.1
parents wanted me to go.........	18.9	16.4	20.6	20.1	20.6	18.1	21.1	17.5	20.6	20.7	20.8	16.4
prepare for graduate school.....	52.0	44.9	59.9	52.1	59.6	62.4	59.0	53.4	63.1	56.7	62.4	63.7
wanted to get away from home....	13.0	13.5	13.7	12.6	14.4	13.6	12.2	12.6	12.7	11.3	12.0	11.4
Reasons Noted as Very Important in Selecting This College												
advice of guidance counselor....	4.8	4.5	6.1	7.2	7.2	6.6	5.3	4.9	5.7	5.0	6.1	5.3
advice of teacher...............	2.7	2.5	3.3	3.4	4.4	4.9	2.9	2.4	3.1	2.8	3.8	3.8
friend suggested attending......	7.6	6.5	5.9	7.1	6.0	5.6	7.7	7.4	5.1	8.3	5.5	4.4
good academic reputation........	51.6	56.7	70.2	67.1	70.5	89.6	58.1	66.2	76.1	75.7	74.3	89.5
good social reputation..........	33.0	30.9	30.0	26.9	28.7	28.3	32.6	29.1	26.7	25.8	27.9	25.5
graduates get good jobs (7).....	28.6	32.8	31.8	50.1	43.4	44.3	27.0	31.6	30.3	42.7	40.5	38.3
low tuition.....................	20.3	19.9	29.4	4.5	1.9	0.9	21.2	21.1	28.7	5.8	2.8	1.0
not offered aid by first choice.	5.5	4.6	5.8	4.5	3.8	1.9	5.4	4.9	7.0	4.5	4.7	2.3
offered financial assistance....	15.8	15.8	10.7	23.7	27.9	26.7	20.0	16.5	12.1	27.2	32.5	28.1
offers special programs.........	17.1	16.4	14.7	25.8	19.2	20.2	24.5	22.4	22.0	27.7	26.1	28.6
recruited by athletic department	3.3	4.2	4.2	4.4	5.9	7.2	1.4	2.0	1.8	2.0	2.3	3.5
recruited by college rep........	2.5	1.7	2.0	3.6	3.7	3.3	2.4	1.2	1.4	3.4	2.4	2.3
relatives wanted me to come.....	5.8	4.0	5.5	5.6	5.8	6.0	7.6	5.5	7.4	7.4	6.6	6.3
wanted to live near home........	15.6	10.7	10.2	10.4	7.5	3.8	18.7	15.0	12.8	14.5	10.6	4.7
Residence Preferred During Fall Term												
with parents or relatives.......	11.0	5.8	7.0	9.1	5.6	2.7	10.5	4.7	6.5	6.3	5.3	2.2
other private home,apt,room.....	39.9	34.7	23.2	30.1	20.5	14.2	38.1	31.3	22.3	24.0	18.5	11.6
college dormitory...............	30.6	40.4	55.6	45.6	57.2	71.6	32.6	44.7	58.8	56.9	61.9	76.5
fraternity or sorority house....	11.3	13.0	5.8	6.9	7.9	4.8	11.5	12.9	4.2	6.4	6.8	3.1
other campus housing............	5.1	4.5	6.8	6.6	7.3	5.6	5.9	5.2	7.2	5.6	6.4	6.2
other...........................	2.1	1.7	1.5	1.8	1.6	1.0	1.4	1.3	1.0	0.8	1.0	0.5
Residence Planned During Fall Term												
with parents or relatives.......	29.9	10.1	9.4	20.4	10.1	1.8	29.4	9.3	8.3	13.1	10.1	1.0
other private home,apt,room.....	7.7	4.9	4.3	5.1	4.2	0.9	6.0	4.5	4.2	2.5	2.1	0.3
college dormitory...............	59.5	78.5	81.5	70.8	80.3	94.0	62.2	83.2	82.9	82.7	83.5	96.2
fraternity or sorority house....	1.1	4.2	0.5	0.7	0.5	0.5	0.3	0.3	0.2	0.1	0.2	0.2
other campus housing............	1.4	2.0	4.0	2.5	4.6	2.8	1.7	2.2	4.1	1.5	3.9	2.2
other...........................	0.4	0.4	0.3	0.4	0.4	0.1	0.3	0.4	0.3	0.1	0.2	0.1

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
SOURCES FOR EDUCATIONAL EXPENSES												
Received Any Aid From												
parents or family..............	84.4	82.9	87.8	86.8	90.7	92.4	85.9	85.3	88.5	90.3	91.3	93.8
spouse.........................	0.8	0.7	0.7	1.2	0.6	0.5	0.6	0.7	0.4	0.4	0.4	0.2
savings from summer work........	60.9	67.9	63.6	60.6	60.3	65.4	58.8	68.2	63.7	58.7	59.4	63.1
other savings..................	31.3	36.5	33.0	32.0	32.6	37.9	31.3	37.3	33.0	32.5	33.6	38.2
part-time job on campus.........	16.1	18.5	20.8	23.0	25.6	32.2	19.9	23.7	23.9	26.7	28.5	33.2
other part-time job while at col	25.3	19.2	17.4	20.5	13.7	7.7	29.0	21.6	18.1	18.1	14.4	9.1
full-time job while at college..	1.9	1.1	0.9	1.8	0.8	0.3	1.9	1.2	0.7	0.8	0.7	0.3
Pell Grant.....................	9.4	12.3	11.3	14.0	11.9	11.0	11.4	13.8	11.2	14.2	12.4	10.2
Supp Educational Oppty Grant....	2.0	3.3	3.1	6.0	6.3	6.4	2.0	3.9	2.9	6.8	7.2	5.8
state scholarship or grant......	7.2	11.9	11.9	11.9	10.3	9.8	7.8	12.0	11.8	11.1	10.9	9.0
College Work-Study Grant........	3.2	4.8	4.8	12.7	13.6	17.0	4.6	6.6	5.4	15.7	16.9	18.3
other college grant............	15.5	17.6	15.1	29.2	32.9	36.0	18.4	18.5	15.7	34.4	37.2	36.2
other private grant............	7.2	9.6	13.3	12.2	12.4	20.3	7.8	9.8	14.4	13.5	13.8	20.2
other govt aid (ROTC,BIA,GI,etc)	2.9	3.3	1.7	2.4	2.4	4.4	1.3	1.2	0.9	1.2	0.9	1.6
Federal Guaranteed Student Loan.	11.4	20.6	12.1	26.5	24.5	29.1	12.0	21.2	11.3	27.4	27.8	28.7
National Direct Student Loan....	1.6	2.7	1.8	5.6	4.5	5.7	1.6	2.4	1.3	4.4	4.4	5.2
other college loan.............	4.0	6.3	5.1	8.0	9.3	12.4	4.1	5.7	5.4	8.1	9.8	11.9
other loan.....................	3.6	5.8	3.8	5.8	6.1	6.8	4.3	6.6	4.3	6.9	6.9	7.1
other..........................	2.2	2.6	2.4	2.7	2.9	3.0	2.8	3.5	3.3	3.8	3.8	3.6
Received $1,500 or More From												
parents or family..............	60.0	61.3	71.6	72.8	81.6	84.4	61.0	63.2	72.5	76.7	80.9	85.6
spouse.........................	0.3	0.3	0.3	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1
savings from summer work........	9.1	11.9	10.3	16.1	13.0	13.8	5.3	7.6	7.0	7.9	8.0	9.3
other savings..................	5.8	7.7	7.0	9.5	9.3	11.2	4.6	5.8	6.1	8.6	9.0	10.8
part-time job on campus.........	1.0	0.5	1.3	3.1	3.4	6.3	1.0	0.7	1.3	3.4	3.4	6.2
other part-time job while at col	1.8	1.2	1.3	2.8	1.6	0.7	1.3	1.0	0.9	1.5	1.2	0.6
full-time job while at college..	0.6	0.3	0.2	0.9	0.3	0.1	0.4	0.3	0.2	0.3	0.2	0.1
Pell Grant.....................	1.9	1.8	2.3	3.0	3.3	2.9	1.9	1.7	2.0	2.3	2.7	2.2
Supp Educational Oppty Grant....	0.2	0.3	0.4	0.6	1.4	2.7	0.2	0.2	0.4	0.6	1.4	2.1
state scholarship or grant......	0.8	3.0	1.3	2.7	4.2	2.7	0.8	2.6	1.2	2.4	4.3	2.9
College Work-Study Grant........	0.3	0.1	0.5	1.2	1.1	0.6	0.3	0.1	0.3	0.6	1.2	0.7
other college grant............	5.9	6.9	5.2	15.8	27.2	31.3	6.8	5.5	4.3	17.0	30.3	31.3
other private grant............	1.7	2.5	2.9	4.0	5.1	10.4	1.7	2.0	3.1	3.9	4.8	9.8
other govt aid (ROTC,BIA,GI,etc)	1.8	2.0	1.1	1.4	1.9	4.0	0.6	0.6	0.4	0.8	0.6	1.3
Federal Guaranteed Student Loan.	4.4	7.5	3.8	12.2	12.1	15.3	3.9	6.6	3.5	11.2	12.1	14.9
National Direct Student Loan....	0.5	0.5	0.4	1.4	1.2	1.7	0.3	0.3	0.3	1.1	0.9	1.3
other college loan.............	2.0	2.7	1.8	4.4	5.6	8.8	2.0	2.3	1.9	4.4	5.4	8.0
other loan.....................	1.9	3.0	1.8	3.6	4.2	5.1	2.1	3.2	2.2	4.7	4.9	5.9
other..........................	0.9	1.2	0.8	1.5	1.9	2.0	0.8	1.1	1.0	1.9	1.9	2.2
Concern about Financing College												
no concern.....................	46.4	38.5	44.3	40.5	44.8	41.4	36.9	28.7	35.1	33.0	35.8	37.2
some concern...................	42.6	48.6	45.3	45.9	43.6	47.5	46.9	54.3	50.8	51.4	48.2	49.6
major concern..................	11.0	12.8	10.3	13.6	11.5	11.2	16.2	17.0	14.1	15.6	16.0	13.1

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Students Estimate Chances Are Very Good That They Will												
be elected to an honor society..	9.0	8.2	10.9	10.0	11.8	16.1	8.5	7.2	9.7	10.2	10.9	14.4
be elected to student office....	3.3	3.0	3.7	4.0	5.4	4.5	3.2	2.8	3.4	4.0	4.2	4.4
be satisfied with college.......	48.1	51.4	56.2	49.8	57.9	74.6	57.6	60.0	64.0	63.1	64.0	80.4
change career choice............	12.8	13.1	17.2	9.9	13.1	20.7	17.1	18.4	24.0	17.4	18.4	26.4
change major field..............	15.3	14.7	20.1	11.6	14.3	19.6	18.6	18.7	25.0	16.8	18.7	25.0
drop out permanently............	1.0	0.4	0.5	0.8	0.6	0.4	0.5	0.3	0.3	0.5	0.4	0.2
drop out temporarily............	1.2	0.7	1.0	0.8	1.0	1.0	0.7	0.5	0.6	0.7	0.6	0.8
fail one or more courses........	1.7	1.3	1.6	1.3	1.3	0.9	1.1	0.9	1.2	0.7	0.7	0.7
find job in own field...........	69.6	72.1	68.1	71.5	68.8	70.7	74.7	75.8	69.8	76.0	70.4	70.8
get bachelor's degree...........	74.8	79.3	85.3	77.2	80.6	89.4	78.8	81.6	87.5	82.4	85.3	92.4
get job to pay college expenses.	31.1	35.0	33.0	35.3	29.5	40.5	38.6	41.7	41.9	40.1	37.0	47.0
get tutoring in some courses....	10.2	7.6	12.4	9.9	8.3	7.5	16.0	13.6	19.5	13.3	11.5	11.5
graduate with honors............	14.9	14.8	19.2	15.0	19.3	24.8	11.8	11.2	14.0	11.9	15.3	20.1
join social frat or sorority....	21.1	20.1	19.9	17.3	22.8	23.8	28.9	26.0	26.8	27.5	29.3	29.7
make at least "B" average.......	45.3	50.3	57.4	50.3	55.6	64.4	44.2	46.2	51.0	49.9	51.6	59.2
marry while in college..........	3.7	2.6	1.7	2.7	1.8	1.2	6.1	5.1	2.7	4.3	2.4	1.1
marry within a year after coll..	13.3	12.2	8.4	12.2	8.1	6.5	18.6	17.5	11.6	18.2	10.2	7.6
need extra time for degree......	9.5	7.2	8.5	5.8	5.4	3.3	10.3	7.8	9.2	7.2	4.7	3.6
participate in student protests.	5.1	4.6	7.0	4.7	7.9	9.6	6.1	5.5	9.6	5.6	10.8	14.6
play varsity athletics..........	11.9	13.2	17.0	15.8	19.0	21.2	7.2	7.6	10.2	8.9	10.9	14.1
seek individual counseling......	3.4	2.0	3.2	3.5	3.1	3.2	3.5	3.6	4.7	3.7	3.9	4.3
seek vocational counseling......	4.3	4.1	7.3	3.7	5.3	8.0	5.8	6.6	11.4	6.4	7.4	13.8
transfer to another college.....	6.1	6.5	6.5	4.9	4.6	1.9	6.6	6.8	6.9	5.2	5.2	2.0
work at outside job.............	18.3	15.0	14.0	16.9	11.1	9.4	24.4	21.5	19.2	20.3	15.1	14.7
work full-time while attending..	3.5	1.7	1.3	2.7	1.4	1.0	3.8	2.1	1.5	1.9	1.5	0.9
Objectives Considered to be Essential or Very Important (7)												
achieve in a performing art.....	11.7	8.4	10.3	9.5	12.0	13.5	12.4	10.6	12.0	11.7	13.3	18.3
be authority in my field........	77.4	75.0	74.2	76.3	76.1	75.3	77.1	74.8	73.3	73.0	74.2	74.1
be expert on finance/commerce...	34.8	31.7	30.0	37.2	35.2	26.8	21.4	19.8	18.9	19.1	20.7	15.1
be successful in own business...	59.6	52.4	52.3	62.4	55.6	45.5	51.4	45.7	44.6	49.0	46.1	35.9
be very well off financially....	80.6	78.2	74.8	79.8	75.3	65.9	74.8	69.7	65.0	66.0	68.7	53.6
create artistic work............	14.3	9.8	12.4	10.4	12.6	12.8	13.6	12.4	14.6	12.4	13.3	17.4
develop philosophy of life......	51.8	48.8	57.0	52.0	57.2	66.9	53.6	50.6	59.5	55.3	58.6	69.6
get married.....................	66.0	67.9	69.3	71.8	71.1	72.9	68.3	69.7	69.9	74.2	70.0	69.1
have admin responsibility.......	45.8	42.9	40.6	49.0	45.3	38.5	40.8	38.2	34.3	38.1	38.1	29.1
help others in difficulty.......	46.8	43.0	50.7	50.7	49.4	54.8	63.4	62.2	66.8	67.7	64.1	69.5
influence political structure...	23.0	18.7	22.1	24.4	28.4	27.2	17.1	14.2	18.1	17.3	23.5	23.6
influence social values.........	34.9	29.9	33.2	38.6	37.1	35.6	42.6	40.6	41.4	45.4	43.6	43.8
join org like Peace Corps/VISTA.	6.8	5.0	6.8	6.7	7.3	8.0	8.5	6.9	11.6	8.5	11.8	15.3
keep up to date with politics...	43.1	40.4	49.6	46.5	55.1	59.7	35.2	32.6	44.9	40.7	51.2	60.0
obtain recog from colleagues....	63.2	59.4	57.1	60.5	60.2	59.1	61.4	58.2	54.6	54.5	59.3	55.2
participate in community action.	19.8	15.4	20.0	21.7	21.7	24.0	26.3	22.6	29.6	30.0	31.3	38.9
promote racial understanding....	29.6	25.8	38.6	33.7	38.3	41.6	34.6	30.6	45.8	35.5	43.6	53.9
raise a family..................	65.4	67.3	69.2	72.2	70.6	72.0	65.5	66.9	68.1	70.9	67.7	67.0
theoretical contrib to science..	21.1	16.1	23.1	14.3	16.5	23.4	12.6	9.0	14.1	9.2	9.5	14.6
write original works............	14.3	12.5	15.9	13.4	16.4	21.2	14.7	14.6	16.3	14.0	16.6	23.2

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1988

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Political Views												
far left	2.5	2.1	2.2	2.3	2.3	2.8	1.6	1.1	1.4	0.9	1.2	1.9
liberal	21.6	22.5	25.7	18.1	21.8	28.2	25.4	25.9	31.6	21.4	28.6	38.8
middle of the road	45.6	47.8	43.0	45.7	39.3	35.4	56.0	58.0	50.5	52.9	50.3	40.8
conservative	27.7	25.5	27.0	31.2	33.6	31.1	16.3	14.4	15.9	24.1	19.0	18.2
far right	2.6	2.1	2.2	2.7	2.9	2.5	0.7	0.6	0.6	0.8	0.9	0.4
Agrees Strongly or Somewhat												
abolish death penalty	18.1	17.8	21.9	20.6	23.1	27.0	22.9	23.8	29.6	26.7	30.8	37.7
abortion should be legalized	62.0	60.9	69.4	54.0	61.5	64.0	64.3	63.3	72.7	51.9	67.1	72.8
busing OK to achieve balance	47.7	48.4	51.1	51.0	48.9	51.4	50.7	52.5	54.4	51.5	51.6	57.8
coll appreciated if cost higher	56.2	56.1	53.0	58.5	56.5	53.6	51.0	52.1	49.2	53.8	52.9	50.3
college increases earning power	74.1	73.4	64.8	70.8	65.2	47.7	63.2	62.5	53.2	58.0	54.0	34.0
control AIDS by mandatory tests	65.9	64.5	54.4	65.1	57.0	48.4	66.9	64.4	55.7	63.3	58.9	46.2
employers can require drug tests	67.7	69.4	63.6	68.6	65.0	65.5	70.8	71.3	64.3	73.0	66.6	65.5
govt not controlling pollution	79.0	83.4	86.4	82.3	83.9	87.5	82.9	85.4	89.8	84.7	90.1	92.2
govt not promoting disarmament	54.7	56.3	60.1	55.0	55.2	60.5	73.8	77.2	78.8	73.1	77.2	78.9
govt not protecting consumer	57.8	57.8	55.0	57.3	55.7	52.7	65.4	65.5	64.4	63.9	66.5	62.3
increase fed military spending	34.5	28.2	24.2	32.6	29.2	22.7	19.1	14.0	11.3	17.7	13.9	10.4
live together before marriage	59.0	59.9	62.3	53.6	60.4	57.1	49.2	49.5	51.6	35.9	47.8	49.7
man not entitled to sex on date	75.1	79.9	81.1	75.5	78.0	84.5	91.3	95.2	95.5	93.2	94.2	96.4
marijuana should be legalized	26.9	22.3	25.6	22.5	25.7	23.9	19.6	15.7	19.4	13.8	19.4	21.1
no endow investment in S Africa	51.7	53.1	61.2	53.0	58.5	62.9	41.7	45.2	57.9	46.9	58.1	70.0
nuclear disarmament attainable	59.1	60.0	57.8	57.7	55.1	54.2	61.8	63.8	63.5	62.1	61.9	62.6
only volunteers in Armed Service	52.1	52.4	54.1	48.4	51.2	52.7	52.5	54.3	55.8	50.5	52.1	55.4
prohibit homosexual relations	59.0	55.4	41.1	57.0	46.2	33.0	37.1	33.1	23.3	37.6	24.5	16.3
raise taxes to reduce deficit	36.0	36.2	39.3	31.7	35.8	44.5	27.6	27.6	32.4	27.8	30.3	38.8
sex OK if people like each other	68.1	67.4	67.4	59.3	66.4	60.7	40.9	39.5	40.1	27.3	40.4	38.4
too much concern for criminals	72.0	73.0	69.9	72.0	69.3	65.2	66.6	66.8	63.5	67.0	62.7	56.3
women's activities best in home	29.8	26.7	24.3	30.6	27.8	19.4	17.2	15.2	12.5	17.4	13.1	8.1
Permission to Use Student I.D.												
yes	81.6	81.0	76.7	66.6	71.1	72.8	81.6	81.4	76.9	72.5	74.5	74.2
no	18.4	19.0	23.3	33.4	28.9	27.2	18.4	18.6	23.1	27.5	25.5	25.8

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1988 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategorization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Year Graduated from High school														
1988............................	95.2	97.8	98.1	95.8	97.9	98.0	98.3	94.5	98.4	98.8	96.8	98.0	99.1	96.9
1987............................	2.4	1.3	1.4	2.3	1.4	1.5	1.4	2.7	1.0	0.7	1.8	1.0	0.5	1.7
1986............................	0.7	0.3	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.4	0.2	0.2	0.3
1985 or earlier.................	1.3	0.5	0.2	1.0	0.4	0.1	0.1	1.6	0.2	0.1	0.7	0.5	0.1	0.7
H.S. equivalency (G.E.D. test)..	0.4	0.1	0.0	0.3	0.1	0.0	0.0	0.6	0.1	0.0	0.1	0.2	0.1	0.2
never completed high school.....	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1
Age on December 31, 1988														
16 or younger...................	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1
17..............................	1.9	1.9	2.8	3.0	2.7	2.4	4.5	2.1	1.9	2.2	2.0	2.4	2.2	2.6
18..............................	72.9	80.9	79.1	73.2	78.2	77.5	78.8	71.2	72.7	74.8	73.8	78.3	80.3	74.9
19..............................	21.7	15.9	17.1	20.8	17.3	18.6	15.6	22.4	24.1	22.2	21.9	17.7	16.8	20.2
20..............................	1.8	0.7	0.7	1.5	1.3	1.0	0.7	1.9	1.0	0.5	1.4	0.9	0.5	1.2
21-24...........................	1.0	0.5	0.3	0.9	0.3	0.2	0.2	1.0	0.3	0.2	0.7	0.4	0.1	0.6
25-29...........................	0.3	0.1	0.0	0.2	0.1	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.2
30-39...........................	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.6	0.0	0.0	0.2	0.1	0.0	0.2
40-54...........................	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1
55 or older.....................	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Racial Background (1)(2)														
White/Caucasian.................	74.1	89.9	88.3	72.7	87.0	89.5	85.6	78.2	93.7	94.2	82.3	90.1	92.2	83.6
Black/Negro/Afro-American.......	22.7	7.4	6.4	24.0	5.5	3.0	4.5	19.0	3.1	3.2	5.1	4.1	2.2	11.1
American Indian.................	0.9	0.8	1.0	1.0	0.7	0.8	0.9	1.0	0.8	0.7	0.8	0.7	0.5	0.8
Asian-American/Oriental.........	0.7	1.4	3.3	1.4	3.5	4.6	7.0	1.1	1.7	1.7	1.3	2.4	2.1	2.4
Mexican-American/Chicano........	1.4	0.5	0.8	0.4	0.5	0.9	0.9	0.9	0.6	0.4	9.6	1.9	0.7	1.3
Puerto Rican-American...........	0.4	0.6	0.6	0.9	1.8	0.7	0.7	0.3	0.2	0.2	0.6	1.1	1.5	0.8
other...........................	1.2	1.1	1.5	1.7	3.0	2.7	3.1	1.3	1.4	1.0	2.2	2.1	2.5	2.0
Average High School Grades														
A or A+.........................	6.1	7.7	31.1	7.0	11.6	14.7	27.9	11.0	14.3	19.7	7.3	10.2	12.9	12.5
A-..............................	8.0	11.9	24.8	9.3	14.2	17.3	29.7	12.7	17.1	21.2	8.8	15.1	20.0	15.1
B+..............................	15.0	21.3	19.4	15.6	21.1	23.4	23.9	18.0	20.5	23.2	17.2	22.5	29.6	20.2
B...............................	24.1	30.5	14.9	24.7	26.5	25.1	14.1	23.1	24.9	22.7	27.2	29.1	25.3	24.1
B-..............................	16.9	15.4	5.8	16.6	15.5	12.3	3.7	13.9	12.8	8.7	16.3	12.5	8.7	13.0
C+..............................	17.8	9.5	2.9	15.5	7.6	5.0	0.7	13.1	7.2	3.3	13.8	7.1	2.8	9.3
C...............................	11.6	3.7	1.0	10.9	3.4	2.0	0.1	8.1	3.1	1.2	9.0	3.4	0.7	5.5
D...............................	0.6	0.1	0.1	0.4	0.2	0.1	0.0	0.3	0.1	0.0	0.3	0.0	0.0	0.2
Have Met or Exceeded Recommended Years of Study in (3)														
English (4 years)...............	91.6	95.4	98.3	97.1	98.4	98.1	98.6	95.0	95.8	97.7	97.3	97.5	98.6	97.1
mathematics (3 years)...........	87.1	94.4	99.1	93.7	95.0	97.5	99.1	91.1	94.4	97.1	93.4	93.5	97.6	94.5
foreign language (2 years)......	60.8	82.1	93.4	80.8	91.3	94.3	98.4	72.3	85.3	91.4	84.7	87.8	94.2	85.2
physical science (2 years)......	38.7	51.0	63.0	47.9	53.3	63.9	71.3	43.9	55.9	61.1	44.2	49.4	59.9	52.9
biological science (2 years)....	35.9	36.9	33.9	33.3	33.8	38.0	38.9	36.3	39.5	40.9	34.6	35.1	34.7	36.1
history/American gov't (1 year).	99.0	99.4	99.5	99.1	99.6	99.4	99.7	99.0	99.4	99.5	99.1	99.3	99.6	99.3
computer science (1/2 year).....	56.2	65.2	62.1	58.6	62.0	61.6	56.5	55.1	61.6	59.5	61.3	60.7	65.4	59.3
art or music (1 year)...........	64.2	62.9	60.8	68.7	70.3	70.9	72.5	68.5	74.3	70.4	70.8	64.2	62.6	69.3

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Estimated Parental Income														
less than $6,000	5.2	2.3	1.3	2.7	2.2	1.7	1.3	4.5	2.1	1.4	3.3	2.6	1.5	2.7
$6,000 - $9,999	4.0	1.9	1.4	2.8	2.3	1.4	1.0	4.1	2.2	1.4	3.5	2.2	1.7	2.5
$10,000 - $14,999	6.3	3.7	2.7	5.1	4.5	3.4	2.0	6.5	4.3	2.8	6.0	5.0	2.2	4.6
$15,000 - $19,999	7.1	4.7	3.5	5.5	5.2	3.2	2.3	7.0	4.8	3.4	5.9	5.0	3.5	5.0
$20,000 - $24,999	8.1	6.1	5.3	6.6	6.7	5.2	3.1	8.9	6.4	5.7	7.9	7.2	4.3	6.6
$25,000 - $29,999	7.7	6.9	5.6	6.8	6.3	5.7	3.6	8.2	6.8	5.6	7.6	7.3	4.8	6.6
$30,000 - $34,999	9.9	10.2	7.9	7.9	9.1	6.7	5.2	9.6	9.3	7.7	8.5	8.5	6.7	8.1
$35,000 - $39,999	9.2	10.8	9.2	8.2	8.9	8.0	5.9	9.2	8.3	7.3	8.1	10.3	7.5	8.3
$40,000 - $49,999	12.3	15.8	14.3	11.0	12.5	11.0	9.2	11.6	11.5	11.4	10.9	11.6	12.3	11.3
$50,000 - $59,999	11.1	13.7	15.6	11.0	11.8	10.7	10.9	10.4	10.8	12.6	9.6	10.5	13.4	11.0
$60,000 - 74,999	9.6	12.2	16.0	11.8	11.6	10.9	13.0	8.3	11.7	13.0	10.3	10.2	14.7	11.1
$75,000 - 99,999	5.0	6.6	8.8	7.9	7.7	10.1	12.6	5.4	7.8	9.9	6.7	7.2	11.0	8.1
$100,000 - 149,999	2.4	3.4	5.0	6.0	5.6	9.3	14.0	3.4	6.3	8.7	5.5	6.0	8.5	6.7
$150,000 or more	1.8	1.8	3.3	6.6	5.6	12.6	15.7	2.9	7.7	9.0	6.2	6.3	8.1	7.3
Status of Parents														
living with each other	68.5	75.8	79.4	67.5	73.9	74.8	76.9	71.3	78.6	78.7	77.3	76.2	82.5	73.9
divorced or separated	25.5	19.6	17.1	26.7	21.3	20.9	19.3	23.3	17.6	18.2	18.0	19.1	13.5	21.4
one or both deceased	6.0	4.6	3.5	5.7	4.8	4.3	3.7	5.4	3.7	3.1	4.7	4.7	4.0	4.7
Number of Older Brothers														
none	52.0	53.8	59.6	54.0	55.4	55.3	60.5	55.1	55.8	57.3	48.0	50.3	49.8	54.5
one	30.6	30.2	27.5	30.7	30.4	30.5	28.5	28.5	30.4	29.5	30.5	29.8	29.9	29.8
two	10.5	10.2	8.4	10.1	9.7	9.5	7.7	10.5	9.3	9.2	12.5	13.0	11.7	10.2
three or more	6.9	5.8	4.4	5.3	4.4	4.6	3.2	6.0	4.5	4.1	9.1	6.9	8.6	5.5
Number of Older Sisters														
none	55.1	55.8	61.1	56.0	58.4	58.3	64.1	57.2	58.8	62.0	51.5	53.0	51.5	57.2
one	28.3	29.1	26.7	29.4	28.3	29.1	26.8	28.5	28.7	26.7	28.3	29.4	30.4	28.6
two	10.3	9.6	8.4	9.7	9.0	8.6	6.7	9.5	8.5	7.9	11.9	11.0	11.2	9.4
three or more	6.3	5.6	3.8	4.9	4.2	4.0	2.4	4.8	4.0	3.4	8.2	6.6	6.9	4.8
Number of Younger Brothers														
none	57.1	56.2	57.7	58.8	56.8	57.8	58.3	56.3	56.9	58.1	55.7	52.8	54.2	56.9
one	33.1	34.5	33.7	32.3	33.9	33.2	33.5	33.7	34.1	33.7	32.1	35.8	34.5	33.5
two	7.4	7.3	6.9	7.1	7.6	7.2	6.7	8.0	7.2	6.7	9.1	8.8	8.5	7.6
three or more	2.5	2.0	1.8	1.8	1.7	1.7	1.5	2.0	1.9	1.5	3.1	2.6	2.7	2.0
Number of Younger Sisters														
none	58.1	57.9	58.8	60.1	59.3	60.0	59.8	57.9	58.7	60.4	56.5	55.7	55.4	58.7
one	32.2	33.1	32.7	31.4	33.2	31.5	32.5	31.8	32.3	32.3	31.8	33.6	33.1	32.1
two	7.3	7.1	6.9	6.5	6.2	6.9	6.4	7.9	7.4	6.1	8.3	8.2	8.8	7.2
three or more	2.3	2.0	1.6	2.0	1.3	1.6	1.2	2.4	1.7	1.3	3.3	2.4	2.7	2.0
Twin Status														
no	98.2	98.3	98.4	97.9	98.4	98.2	98.3	98.2	98.3	98.2	97.9	98.2	98.1	98.2
yes - identical	0.7	0.6	0.5	0.8	0.5	0.6	0.7	0.6	0.7	0.6	1.0	0.7	0.6	0.7
yes - fraternal	1.1	1.1	1.1	1.2	1.0	1.2	0.9	1.2	1.1	1.2	1.1	1.1	1.3	1.1

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Activities Engaged in by Student During the Past Year														
attended a religious service....	84.5	82.3	85.4	82.4	80.9	76.1	72.4	90.1	87.6	86.7	88.3	87.8	92.4	84.4
cheated on a test in school.....	39.2	41.3	28.9	38.2	35.3	32.7	23.7	33.2	34.2	32.4	41.8	35.4	42.8	34.8
copied homework from other stdnt	59.3	61.6	55.0	57.8	55.6	54.5	46.4	54.2	57.0	56.7	61.5	57.3	63.7	56.1
did extra class work/reading (4)	11.1	9.2	11.1	12.2	12.6	13.0	13.7	13.0	11.3	12.2	11.4	11.0	9.8	12.3
didn't complete homework on time	70.3	70.9	70.5	73.0	71.2	71.1	71.6	70.9	70.6	70.4	70.2	66.8	68.8	70.9
discussed politics (4)..........	14.7	15.8	27.3	21.4	20.4	29.5	37.2	22.6	24.3	28.6	19.3	19.4	21.4	24.0
discussed religion (4)..........	20.5	18.4	25.6	25.0	24.0	24.8	26.9	35.3	29.8	28.3	25.5	23.5	25.2	27.6
discussed sex (4)...............	32.7	32.8	33.6	33.8	30.7	35.3	35.3	26.6	29.3	31.3	31.0	29.8	30.8	31.2
discussed sports (4)............	46.1	44.7	47.4	41.2	39.7	40.9	38.9	45.0	46.5	46.0	42.9	47.3	47.8	43.3
drank beer......................	60.6	69.5	65.3	60.5	62.7	71.3	70.7	44.3	61.2	65.4	69.4	69.6	76.8	61.7
drank wine or liquor............	63.4	71.5	68.6	62.4	65.5	73.7	74.8	49.4	66.1	70.5	71.9	70.5	76.8	64.9
felt depressed (4)..............	12.0	10.3	9.4	11.0	9.8	11.9	10.7	12.2	10.0	10.2	13.5	9.9	9.0	11.0
felt overwhelmed (4)............	22.8	21.3	22.0	22.3	24.3	26.9	26.9	24.7	26.4	27.7	24.5	23.6	23.8	24.8
participated in demonstrations..	40.8	35.5	31.7	40.3	37.1	33.0	27.3	38.9	33.0	30.9	40.5	36.3	32.5	36.1
smoked cigarettes (4)...........	9.5	8.9	4.9	11.3	10.2	9.4	6.4	5.6	7.1	6.1	11.8	6.9	7.6	8.3
spoke other language at home (4)	4.2	4.3	4.7	5.6	9.3	9.1	9.9	4.2	4.6	4.9	10.1	7.5	7.1	6.6
stayed up all night.............	81.0	82.3	80.3	84.0	81.6	82.4	79.2	80.5	79.5	80.4	83.4	81.1	81.0	81.5
studied with other students.....	88.2	88.3	90.8	87.6	89.0	90.6	90.9	89.1	91.3	91.7	89.1	88.3	91.0	89.5
tutored another student.........	39.9	42.9	63.7	42.9	48.0	53.4	64.8	45.3	48.7	54.5	42.7	44.8	53.9	48.5
used a personal computer (4)....	26.7	27.4	36.2	27.3	28.7	31.2	39.4	27.8	28.3	30.3	23.8	27.4	26.7	28.9
was a guest in teacher's home...	33.7	27.8	34.4	32.8	32.2	36.2	39.6	37.8	38.7	38.6	32.1	28.9	28.4	34.9
was bored in class..............	94.4	96.8	97.5	94.3	95.6	96.3	96.8	94.1	96.9	97.3	95.2	95.6	97.3	95.5
won varsity letter in sports....	49.5	50.3	60.7	46.9	48.0	54.2	55.9	48.3	55.3	58.7	50.0	53.4	57.7	51.4
worked in political campaign....	9.3	7.6	11.2	10.9	8.3	11.2	13.5	11.2	11.0	13.6	10.0	9.8	10.8	11.0
Racial Comp. of High School														
completely white................	20.9	18.1	12.6	11.7	14.7	14.9	10.6	17.0	19.0	16.7	17.0	17.1	14.7	15.0
mostly white....................	46.6	64.6	64.7	56.6	64.9	68.7	71.2	53.1	63.3	64.4	58.7	67.3	71.1	61.6
half white......................	21.3	12.1	17.5	19.3	14.8	11.7	13.4	19.6	13.5	15.4	15.1	11.3	10.3	15.7
mostly non-white................	8.2	4.1	4.4	8.7	4.4	3.8	4.1	7.0	3.3	3.0	7.9	3.2	3.4	5.6
completely non-white............	2.9	1.2	0.8	3.7	1.3	0.9	0.8	3.3	0.9	0.6	1.3	1.2	0.5	2.0
Racial Comp. of Neighborhood														
completely white................	42.1	46.4	36.4	33.5	40.9	40.5	34.1	38.8	46.0	46.8	39.6	45.9	42.3	39.5
mostly white....................	32.8	41.9	51.1	40.4	45.0	48.4	52.9	38.5	44.0	45.0	42.1	43.0	47.9	43.4
half white......................	7.3	4.8	6.5	7.9	6.7	5.7	6.5	7.4	4.8	4.0	8.1	5.1	4.8	6.5
mostly non-white................	9.9	4.4	4.3	10.8	4.8	3.6	4.2	8.9	3.2	2.7	6.0	4.1	3.5	6.4
completely non-white............	7.8	2.5	1.7	7.4	2.6	1.9	2.2	6.4	2.0	1.4	4.2	2.0	1.5	4.1
Number of Honors Courses Taken in High School														
none............................	58.7	49.9	27.4	51.6	42.9	30.0	13.0	51.0	44.4	30.7	55.3	48.7	33.8	42.7
one.............................	13.1	14.3	10.1	14.3	14.7	15.4	9.4	13.7	13.9	12.3	15.2	15.0	15.1	13.9
two or more.....................	28.2	35.8	62.5	34.1	42.3	54.6	77.6	35.3	41.6	57.0	29.5	36.2	51.1	43.4
Number of Advanced Placement Courses Taken in HS														
none............................	69.7	64.4	38.1	64.4	55.9	42.9	19.6	62.2	55.3	43.6	69.1	60.8	46.7	54.3
one.............................	15.1	18.2	21.1	18.6	22.9	25.9	20.9	17.4	21.5	23.9	17.2	20.2	26.0	20.6
two or more.....................	15.2	17.5	40.8	17.0	21.3	31.2	59.5	20.4	23.2	32.4	13.6	19.1	27.3	25.0

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Student Rated Self Above Average or Highest 10% in														
academic ability	44.2	62.1	84.7	51.0	62.0	73.5	91.5	54.4	67.2	78.9	45.7	60.4	73.3	62.6
artistic ability	21.4	22.2	26.5	29.8	30.5	33.1	34.5	22.5	27.1	28.4	23.0	25.4	21.7	27.6
competitiveness	52.0	55.7	67.1	53.7	54.9	57.2	60.9	51.8	57.6	61.8	50.2	57.1	57.8	55.4
drive to achieve	60.9	63.0	77.7	64.7	67.4	70.1	78.1	65.3	69.3	73.7	60.6	68.7	70.1	67.9
emotional health	55.4	56.6	63.7	59.6	56.6	59.5	63.6	57.6	60.1	62.2	53.4	59.1	58.6	59.0
learn foreign languages	24.2	32.1	47.2	28.3	32.8	39.1	53.6	28.6	35.1	43.1	28.8	33.4	38.0	34.2
leadership ability	50.0	51.3	64.2	55.9	54.2	57.6	61.9	54.0	57.0	61.4	49.5	53.8	54.7	55.9
mathematical ability	31.1	44.6	65.0	36.2	42.6	46.6	61.1	36.2	41.5	49.6	29.5	40.0	49.2	41.5
physical health	57.5	59.1	66.6	60.1	57.5	62.0	64.1	56.6	60.2	63.4	56.6	61.3	63.3	59.9
popularity	44.2	44.0	50.1	45.5	42.7	45.9	46.6	40.8	44.8	46.1	41.2	44.4	45.2	44.1
popularity with opposite sex	44.0	42.4	45.8	44.7	41.3	43.5	42.3	39.1	41.9	42.3	39.6	42.8	41.4	42.0
public speaking ability	27.3	28.1	40.2	32.4	31.0	36.2	41.8	31.8	35.3	39.3	27.5	31.7	32.6	33.6
self-confidence (intellectual)	45.9	49.2	64.4	52.8	52.2	57.1	67.7	50.7	54.5	60.7	42.3	50.3	53.5	53.8
self-confidence (social)	43.7	43.3	48.1	48.1	45.5	46.1	46.2	44.1	45.3	45.2	41.5	44.7	44.6	45.5
writing ability	34.1	40.3	55.6	39.9	42.9	50.7	63.7	41.1	46.6	53.9	36.2	43.0	46.1	45.0
Prior Credit at This Institution														
no	96.9	96.4	96.7	95.9	96.2	98.1	98.4	97.2	97.7	97.8	96.5	97.0	97.3	97.1
yes	3.1	3.6	3.3	4.1	3.8	1.9	1.6	2.8	2.3	2.2	3.5	3.0	2.7	2.9
This College is Student's														
first choice	60.5	66.1	76.8	67.5	71.1	64.8	63.6	68.3	72.7	74.1	63.1	72.0	68.1	68.4
second choice	28.8	26.3	17.5	22.3	21.1	22.6	23.0	23.0	19.9	19.0	27.2	21.7	23.4	22.3
third choice	7.6	5.5	3.9	6.5	5.3	7.4	8.3	6.3	4.7	4.3	6.5	4.4	5.7	6.1
less than third choice	3.2	2.1	1.8	3.6	2.5	5.2	5.0	2.4	2.6	2.6	3.2	1.9	2.8	3.2
Number of Other Colleges Applied to for Admission This Year														
none	31.8	27.2	18.0	24.6	16.0	12.4	14.2	28.7	22.4	17.7	19.5	18.7	13.5	20.7
one	16.9	17.7	13.8	13.7	12.9	9.6	3.8	15.9	15.3	13.1	15.3	15.6	11.1	13.1
two	19.4	20.0	17.1	16.8	17.8	13.8	7.0	18.3	18.6	18.2	18.5	18.3	16.2	16.5
three	17.1	17.3	18.2	18.2	19.5	17.3	11.4	16.8	17.4	18.5	19.7	19.7	19.1	17.6
four	8.3	8.9	12.6	11.6	13.9	13.5	13.6	9.6	11.1	12.3	12.0	12.9	15.3	12.1
five	3.6	4.8	8.8	7.5	9.0	12.8	15.7	5.3	7.1	9.1	7.9	8.1	11.3	8.7
six or more	2.9	4.1	11.6	7.6	10.8	20.7	34.4	5.5	8.1	11.2	7.1	6.7	13.5	11.3
Number of Other College Acceptances This Year (5)														
none	16.9	11.1	4.9	13.4	7.9	7.4	5.2	11.7	8.4	6.5	12.6	9.6	6.5	9.7
one	31.1	30.0	23.2	26.1	23.2	19.8	14.3	28.0	26.4	22.6	26.9	25.4	20.8	24.0
two	26.6	27.2	24.5	24.9	26.1	24.5	20.4	26.4	26.6	25.9	25.5	26.7	24.4	25.2
three	15.7	18.5	21.1	19.0	21.5	21.9	21.7	18.0	20.2	22.1	18.3	20.8	22.8	20.2
four	5.9	7.8	12.8	8.9	12.0	12.9	17.0	8.9	10.2	11.9	10.0	10.1	13.7	11.0
five	1.9	3.2	6.4	4.2	5.0	6.6	10.5	4.0	4.5	6.2	3.9	4.5	6.4	5.3
six or more	2.0	2.2	7.0	3.5	4.3	6.8	11.0	3.1	3.6	4.9	2.9	2.9	5.4	4.6
Student Native English Speaker?														
yes	97.3	97.4	96.8	96.7	93.8	93.3	93.2	97.6	97.3	97.2	93.9	95.0	95.3	95.8
no	2.7	2.6	3.2	3.3	6.2	6.7	6.8	2.4	2.7	2.8	6.1	5.0	4.7	4.2

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
HOURS PER WEEK IN THE LAST YEAR SPENT ON														
None														
studying or doing homework	1.6	1.7	0.7	1.4	1.0	0.9	0.5	1.0	0.9	0.8	0.9	0.8	0.8	1.0
socializing with friends	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.3	0.1	0.1	0.2	0.1	0.1	0.2
talking w/teacher outside class	7.8	7.8	5.9	7.1	5.7	4.3	2.9	5.0	4.5	4.3	5.5	5.4	4.5	5.2
exercising or sports	4.9	3.7	2.2	4.5	3.6	2.9	2.3	4.8	2.8	2.4	3.9	2.3	1.8	3.5
partying	12.8	10.7	13.6	12.8	13.2	12.5	12.0	21.8	15.4	13.8	10.6	10.6	6.7	14.2
working (for pay)	23.7	18.7	28.6	26.7	25.2	35.3	43.9	29.1	30.7	34.4	27.9	23.1	24.6	29.7
volunteer work	58.9	60.0	50.6	56.6	54.5	51.7	45.2	51.3	52.5	48.8	53.0	50.4	48.0	52.1
student clubs and groups	33.2	31.3	17.8	29.0	25.9	20.9	12.5	23.4	21.9	18.1	28.2	26.0	22.1	23.6
watching TV	4.2	4.9	5.2	5.5	5.8	8.0	10.6	4.9	5.7	7.1	4.5	5.8	5.2	6.1
hobbies	9.6	9.3	8.1	8.4	8.7	7.9	8.4	8.4	7.8	8.3	9.3	8.5	9.0	8.4
Six or More Hours														
studying or doing homework	35.1	37.6	50.5	42.6	46.3	57.6	69.2	44.1	50.0	56.0	45.1	48.2	53.7	49.3
socializing with friends	75.8	80.1	82.2	78.9	79.0	82.4	83.7	75.5	80.4	83.2	78.5	79.9	84.5	79.7
talking w/teacher outside class	10.3	7.4	7.1	12.1	9.9	10.9	9.9	10.3	9.9	9.1	12.4	9.8	9.6	10.6
exercising or sports	46.5	47.6	55.9	48.2	48.1	53.7	55.3	46.7	52.7	55.2	50.1	52.8	55.8	50.6
partying	34.5	36.9	30.4	36.6	33.8	33.7	29.9	24.3	29.8	31.3	41.3	37.0	42.7	32.8
working (for pay)	63.6	71.8	58.8	62.0	63.8	51.3	40.3	57.6	54.7	52.0	60.7	65.7	65.0	57.7
volunteer work	4.9	3.8	4.3	6.9	5.7	6.0	6.4	5.9	5.1	5.2	6.7	5.8	5.3	6.0
student clubs and groups	13.1	14.1	17.0	16.4	16.2	18.8	25.4	15.7	18.0	20.7	18.2	17.0	18.2	17.8
watching TV	36.1	32.3	32.3	34.8	30.3	27.5	22.5	35.1	31.1	28.4	32.7	30.1	31.2	31.4
hobbies	29.4	26.0	26.5	33.4	28.8	29.8	27.2	28.2	26.4	26.8	27.6	25.1	23.8	28.7
Sixteen or More Hours														
studying or doing homework	4.8	4.8	9.9	8.4	8.1	13.4	21.4	6.7	9.5	12.4	6.5	8.1	9.8	9.8
socializing with friends	35.3	36.1	36.0	39.7	37.9	39.1	36.4	32.6	35.8	37.8	38.6	36.8	41.3	37.2
talking w/teacher outside class	2.2	1.4	1.2	2.9	2.3	2.1	1.4	1.9	2.0	1.4	2.6	1.8	1.6	2.1
exercising or sports	17.9	16.3	17.2	17.1	16.7	17.3	15.8	17.0	18.5	19.3	19.2	18.6	18.3	17.5
partying	9.1	8.5	5.4	9.9	8.1	7.0	5.0	6.0	6.3	5.9	10.6	7.9	8.4	7.6
working (for pay)	42.1	47.8	33.3	41.0	39.6	28.5	18.1	34.8	30.6	29.1	37.9	40.9	36.9	34.7
volunteer work	1.0	0.9	0.9	2.1	1.3	1.4	1.2	1.6	1.1	1.1	1.8	1.4	1.4	1.5
student clubs and groups	3.0	3.2	3.4	3.8	3.6	4.2	5.5	3.3	4.4	4.4	4.5	3.8	3.7	4.0
watching TV	9.3	6.6	6.0	8.8	6.1	5.0	3.3	8.9	5.8	5.2	8.2	5.4	5.7	6.9
hobbies	8.0	6.2	5.1	9.2	6.4	6.9	5.0	6.9	5.8	5.4	7.3	5.8	5.0	6.9
Disabilities														
none	84.4	89.6	82.9	85.4	88.2	87.0	85.3	85.9	85.5	86.9	84.7	89.2	89.4	86.4
hearing	0.9	0.8	0.5	1.0	0.5	0.9	0.7	1.2	1.2	1.0	1.3	0.4	0.8	0.9
speech	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.4	0.4	0.2	0.2	0.2	0.2	0.3
orthopedic	0.9	0.9	0.7	1.1	1.1	1.2	0.8	1.1	1.3	1.0	1.1	0.9	1.0	1.1
learning disability	0.9	0.7	0.5	4.0	1.9	2.2	1.1	1.3	1.8	1.2	1.8	0.9	0.7	2.0
health-related	1.1	1.0	0.7	1.5	1.0	1.2	0.7	1.5	1.4	1.3	1.1	1.2	0.9	1.3
partially sighted or blind	2.0	1.7	2.0	2.2	1.9	2.5	2.3	2.6	2.5	2.7	2.4	1.7	2.1	2.3
other	1.5	1.1	1.0	1.7	1.5	1.3	1.2	1.7	1.6	1.3	1.7	1.1	1.3	1.5
U.S. Citizen?														
yes	99.1	99.2	98.8	98.2	97.9	96.4	96.3	98.6	97.8	98.2	98.0	98.2	98.5	97.9
permanent resident	0.3	0.2	0.3	0.2	0.8	0.4	0.6	0.2	0.1	0.3	0.6	0.5	0.4	0.4
no	0.6	0.6	0.8	1.6	1.3	3.2	3.0	1.2	2.0	1.6	1.5	1.3	1.1	1.7

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Highest Degree Planned Anywhere														
none	2.5	1.3	0.6	1.6	1.3	0.9	0.5	1.7	1.1	0.7	1.9	1.2	0.9	1.3
vocational certificate	0.6	0.2	0.1	0.4	0.2	0.1	0.1	0.6	0.2	0.1	0.2	0.2	0.2	0.3
associate (A.A. or equivalent)	3.3	0.4	0.2	1.5	0.5	0.1	0.1	1.7	0.5	0.3	1.7	0.5	0.3	0.9
bachelor's (B.A., B.S.)	39.6	36.6	18.1	32.7	29.9	16.1	7.3	30.5	24.6	16.3	33.3	26.4	19.3	25.3
master's (M.A., M.S.)	34.1	42.8	47.1	38.5	44.5	44.8	37.1	38.1	39.4	41.3	39.0	43.7	45.4	40.5
Ph.D. or Ed.D.	9.8	10.7	20.5	12.7	12.7	18.9	29.2	14.3	16.2	19.2	11.7	12.8	14.0	15.8
M.D., D.O., D.D.S., D.V.M.	4.2	3.2	6.4	5.1	5.4	8.7	11.5	5.6	8.3	10.8	4.0	6.3	8.4	7.0
LL.B. or J.D. (law)	3.3	3.4	5.8	5.3	3.9	8.7	12.6	4.8	7.6	9.8	5.5	7.2	10.1	6.9
B.D. or M.Div. (divinity)	0.5	0.2	0.3	0.5	0.3	0.3	0.2	1.0	0.6	0.4	0.7	0.3	0.2	0.5
other	2.1	1.1	1.0	1.8	1.4	1.4	1.4	1.6	1.5	1.2	1.9	1.4	1.2	1.5
Highest Degree Planned at Freshman College														
none	4.4	3.6	1.4	2.7	1.5	1.1	0.5	3.4	2.0	1.0	3.3	1.7	1.1	2.1
vocational certificate	0.7	0.2	0.1	0.4	0.1	0.2	0.1	0.6	0.2	0.2	0.2	0.4	0.1	0.3
associate (A.A. or equivalent)	7.9	2.5	0.7	2.9	1.3	0.6	0.2	4.6	1.5	0.8	4.8	1.1	0.8	2.2
bachelor's (B.A., B.S.)	63.8	71.9	81.9	76.0	76.3	83.0	88.5	76.0	82.2	86.3	73.1	72.7	79.4	78.9
master's (M.A., M.S.)	17.0	18.5	12.6	13.9	17.9	11.2	8.0	11.3	10.6	8.4	13.8	18.9	15.3	12.7
Ph.D. or Ed.D.	1.8	1.4	1.6	1.4	1.1	1.9	1.0	1.3	1.1	0.8	1.8	1.8	1.2	1.4
M.D., D.O., D.D.S., D.V.M.	0.9	0.4	0.2	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.6	0.4	0.5	0.5
LL.B. or J.D. (law)	0.7	0.4	0.7	0.5	0.4	0.6	0.5	0.5	0.6	1.2	0.6	1.4	0.6	0.6
B.D. or M.Div. (divinity)	0.4	0.3	0.2	0.4	0.2	0.2	0.1	0.4	0.2	0.1	0.3	0.3	0.1	0.3
other	2.3	0.9	0.5	1.4	0.8	0.9	0.5	1.5	1.0	0.8	1.5	1.2	0.8	1.1
Student's Religious Preference														
Baptist	30.0	9.0	11.1	20.0	9.7	4.6	2.2	28.2	11.1	8.3	4.2	2.9	1.6	13.3
Buddhist	0.1	0.2	0.3	0.4	0.6	0.9	0.9	0.2	0.3	0.3	0.2	0.3	0.2	0.4
Congregational	1.3	0.9	1.0	2.6	1.3	2.8	2.8	2.0	1.4	1.4	0.6	0.6	0.4	1.8
Eastern Orthodox	0.3	0.4	0.5	0.4	0.8	1.1	0.8	0.1	0.4	0.7	0.5	0.6	0.7	0.6
Episcopal	1.8	2.0	5.0	3.4	3.7	6.1	7.0	2.3	4.7	5.7	1.6	1.9	1.3	3.7
Islamic	0.3	0.1	0.2	0.5	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.1	0.3
Jewish	0.8	2.0	1.8	2.9	4.2	4.8	9.7	0.5	0.9	1.2	0.3	0.6	0.4	2.5
LDS (Mormon)	0.4	0.1	0.5	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.0	0.2
Lutheran	5.2	9.7	6.1	3.6	3.2	4.2	3.8	7.2	9.1	19.6	3.5	3.8	3.6	5.9
Methodist	11.6	8.7	10.4	8.6	7.6	5.9	4.3	11.0	14.4	10.4	4.2	3.3	1.8	8.0
Presbyterian	4.0	4.0	6.4	4.5	5.4	6.1	6.5	5.2	11.1	10.3	2.4	2.0	1.4	5.5
Quaker	0.1	0.2	0.2	0.1	0.3	0.5	1.1	0.3	0.2	1.1	0.2	0.1	0.2	0.4
Roman Catholic	24.3	42.0	34.2	23.5	37.9	31.7	23.9	10.5	17.2	19.2	70.5	70.5	79.8	31.4
Seventh-Day Adventist	0.3	0.3	0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.3	0.2	0.3	0.2
other Protestant	3.9	4.6	6.1	7.9	6.3	5.4	4.6	12.2	13.3	4.7	2.2	2.8	1.0	7.3
other religion	6.4	4.4	3.7	8.8	4.6	5.0	5.0	11.9	5.3	4.6	2.9	2.8	1.6	6.7
none	9.1	11.4	12.4	12.1	13.6	20.2	26.5	7.8	9.9	12.1	6.1	7.4	5.7	12.0
Student Born-Again Christian?														
no	64.8	82.7	79.1	68.6	78.4	86.6	92.8	49.2	62.7	77.7	86.0	89.0	93.7	73.2
yes	35.2	17.3	20.9	31.4	21.6	13.4	7.2	50.8	37.3	22.3	14.0	11.0	6.3	26.8

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
PROBABLE MAJOR FIELD OF STUDY	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Arts and Humanities														
arts	2.1	1.6	1.6	6.9	8.1	5.9	1.8	1.2	2.2	1.6	4.0	3.2	0.8	3.9
English	0.6	1.1	2.5	1.1	1.3	4.7	7.8	1.7	2.9	3.4	1.4	1.7	2.9	2.6
history	0.7	1.2	1.9	0.5	0.5	2.1	4.6	1.1	1.4	2.2	1.3	0.6	1.7	1.4
journalism	1.2	1.2	0.7	1.6	1.9	1.3	1.0	1.6	1.3	1.6	0.9	1.2	2.4	1.5
language or literature	0.2	0.6	1.2	0.3	0.6	1.7	3.3	0.7	1.1	1.6	0.3	0.9	1.1	1.0
music	1.1	1.4	0.8	0.8	0.9	1.3	1.0	1.7	1.9	1.5	1.0	0.7	0.2	1.2
philosophy	0.0	0.1	0.1	0.1	0.0	0.5	1.3	0.3	0.4	0.6	0.2	0.2	0.3	0.4
speech	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.2	0.1	0.1	0.1
theater or drama	0.5	0.6	0.4	1.4	1.7	1.2	0.8	0.8	1.1	0.7	0.9	0.7	0.3	1.0
theology or religion	0.1	0.0	0.0	0.4	0.2	0.2	0.2	1.6	0.5	0.4	0.2	0.1	0.1	0.6
other humanities	0.4	0.3	0.4	0.7	0.9	0.8	1.1	0.4	0.4	0.6	1.5	0.8	0.8	0.7
Biological Sciences														
general biology	1.0	1.6	3.6	1.6	2.4	2.8	4.9	2.1	2.9	4.0	2.1	2.7	4.4	2.7
biochemistry or biophysics	0.2	0.3	0.8	0.3	0.5	0.8	1.3	0.3	0.6	0.8	0.3	0.9	0.6	0.5
botany	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.5	0.4	1.5	0.2	0.3	0.6	0.5	0.4	0.6	0.9	0.2	1.0	0.3	0.5
microbiology or bacteriology	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.3	0.3	0.2	0.1	0.1	0.2
zoology	0.3	0.1	0.2	0.1	0.3	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.2
other biological sciences	0.4	0.4	0.4	0.2	0.8	0.5	0.8	0.4	0.5	0.4	0.6	0.2	0.3	0.4
Business														
accounting	7.0	10.1	3.5	5.1	7.3	2.3	0.5	6.3	4.9	3.5	6.1	9.2	9.0	5.3
business administration	7.7	7.1	4.4	6.6	6.3	5.4	3.0	8.0	7.8	6.0	8.7	8.7	8.3	6.9
finance	1.4	2.6	1.2	1.8	2.8	2.3	1.3	1.2	2.0	1.8	1.9	2.2	4.3	2.0
marketing	3.7	4.1	1.9	3.6	4.0	2.2	0.9	1.9	2.4	2.3	3.4	4.2	5.2	2.9
management	6.0	5.7	3.6	5.7	5.6	4.2	1.6	4.8	3.7	4.9	6.2	6.1	4.6	4.8
secretarial studies	0.7	0.1	0.0	0.5	0.2	0.0	0.0	0.5	0.0	0.0	0.2	0.0	0.0	0.2
other business	1.7	1.1	0.6	1.5	1.9	1.4	0.8	1.1	1.5	1.6	1.6	2.9	2.2	1.5
Education														
business education	0.6	0.3	0.1	0.3	0.3	0.1	0.0	0.4	0.2	0.1	0.2	0.1	0.1	0.2
elementary education	6.9	7.6	5.0	4.5	4.0	1.9	0.5	7.6	6.2	3.5	8.4	4.6	2.6	4.7
music or art education	0.5	0.9	0.4	0.4	0.4	0.4	0.1	0.8	0.7	0.5	0.5	0.5	0.1	0.5
physical education or recreation	1.8	1.3	0.3	0.9	0.5	0.4	0.0	2.4	1.3	0.4	1.2	1.5	0.3	1.1
secondary education	2.2	2.7	2.5	1.2	1.3	1.3	0.7	3.6	2.6	1.9	1.9	2.0	1.4	1.9
special education	0.8	1.4	1.3	0.5	0.5	0.3	0.1	1.2	1.1	0.3	1.3	0.5	0.3	0.7
other education	0.5	0.6	0.4	0.4	0.3	0.1	0.1	0.6	0.4	0.2	0.4	0.3	0.1	0.3
Engineering														
aeronautical/astronautical eng.	0.3	0.7	5.6	8.0	0.5	0.5	1.1	0.3	0.4	0.4	0.2	0.6	0.3	2.1
civil engineering	0.5	0.8	2.0	0.3	0.2	0.5	0.9	0.4	0.4	0.5	0.1	0.2	1.0	0.4
chemical engineering	0.3	0.3	1.1	0.3	0.1	0.3	0.7	0.2	0.2	0.2	0.1	0.1	0.5	0.3
electrical engineering	1.8	1.8	4.8	2.1	2.3	3.6	2.0	0.7	0.7	1.1	0.2	0.7	1.9	1.6
industrial engineering	0.4	0.2	0.4	0.0	0.4	0.4	0.1	0.2	0.1	0.1	0.0	0.0	0.2	0.2
mechanical engineering	1.0	1.5	3.3	0.8	1.2	3.1	1.7	0.6	0.9	0.9	0.2	0.4	1.1	1.0
other engineering	0.6	0.7	2.5	0.7	1.8	1.0	0.9	0.5	0.3	0.6	0.1	0.3	0.4	0.7

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
PROBABLE MAJOR FIELD OF STUDY	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Physical Sciences														
astronomy	0.0	0.1	0.1	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.1	0.0	0.1	0.1
atmospheric science	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0
chemistry	0.4	0.9	1.2	0.5	1.2	1.2	2.0	0.8	1.3	1.5	0.4	0.8	0.7	0.9
earth science	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1
marine science	0.1	0.1	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.3	0.1	0.1
mathematics	0.4	0.8	1.5	0.3	0.9	1.0	2.0	0.9	1.0	1.3	0.5	1.0	1.5	0.9
physics	0.1	0.3	1.1	0.2	0.7	0.9	1.8	0.4	0.5	1.2	0.2	0.3	0.6	0.6
statistics	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences	0.1	0.0	0.1	0.7	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.1	0.2
Professional														
architecture	0.6	0.4	0.1	0.7	0.3	0.9	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.5
home economics	0.5	0.2	0.0	0.2	0.1	0.1	0.0	0.3	0.2	0.1	0.2	0.7	0.0	0.2
health technology	1.3	0.6	0.4	0.5	0.4	0.4	0.4	0.8	0.6	0.6	0.8	0.5	0.5	0.6
library science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
nursing	2.8	2.2	0.6	0.8	0.8	0.4	0.0	2.6	1.8	1.0	2.3	1.4	1.7	1.3
pharmacy	2.0	0.4	0.6	0.2	0.3	1.4	0.0	0.7	0.3	0.4	0.4	0.3	0.1	0.4
premed,predent,prevet	2.4	1.6	2.6	2.3	2.6	3.7	3.8	2.7	4.3	5.8	1.9	3.0	3.5	3.1
therapy	2.3	2.4	1.4	0.6	1.7	1.4	0.2	1.6	2.3	1.6	2.5	1.5	1.2	1.3
other professional	1.5	0.7	0.7	2.0	1.1	1.0	0.8	1.3	1.2	1.4	1.8	1.4	1.0	1.4
Social Sciences														
anthropology	0.2	0.2	0.2	0.2	0.0	0.5	0.8	0.2	0.1	0.4	0.1	0.1	0.1	0.3
economics	0.2	0.4	0.9	0.3	0.2	1.6	3.8	0.3	0.6	1.3	0.2	0.5	1.0	0.8
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.1
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
political science	2.1	2.3	6.6	2.8	2.4	7.2	11.2	3.7	5.0	7.8	3.4	5.0	5.9	4.9
psychology	4.3	4.6	4.2	4.2	3.8	6.4	5.7	5.6	6.0	6.0	6.1	5.9	5.5	5.3
social work	1.3	0.7	0.4	1.3	0.6	0.7	0.3	1.7	1.1	0.7	1.8	1.1	0.5	1.1
sociology	0.6	0.3	0.3	0.3	0.2	0.6	0.6	0.7	0.6	0.5	0.6	0.4	0.5	0.5
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.2	0.3	0.2	0.2	0.1	0.1	0.4	0.3	0.2	0.2	0.3	0.2	0.3	0.2
Technical														
building trades	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
data processing	1.1	0.9	0.6	0.9	1.0	0.3	0.3	1.0	0.4	0.3	0.8	0.7	0.4	0.7
drafting or design	0.7	0.1	0.1	0.6	0.2	0.2	0.0	0.1	0.1	0.1	0.5	0.2	0.1	0.2
electronics	0.3	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1
mechanics	1.0	0.0	0.0	0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2
other technical	1.1	0.0	0.0	0.4	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Other Fields														
agriculture	1.0	0.2	0.0	0.4	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.2
communications	3.1	3.8	1.8	4.3	6.7	2.2	0.5	4.5	3.1	2.4	2.9	4.0	3.4	3.7
computer science	1.9	2.1	2.0	2.0	2.5	0.8	0.9	1.9	1.1	1.1	1.5	1.1	1.2	1.5
forestry	0.3	0.0	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2
law enforcement	2.3	1.2	0.6	0.9	1.0	0.3	0.1	1.0	0.8	0.5	2.7	0.6	0.5	0.8
military science	0.1	0.1	0.6	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.1	0.1
other fields	1.0	0.5	0.4	4.0	1.7	0.5	0.4	1.2	0.8	0.8	1.5	0.9	0.5	1.6
undecided	6.2	8.1	8.4	4.6	5.6	9.1	13.8	6.0	9.0	9.5	6.6	6.4	8.0	7.2

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Probable Career Occupation														
accountant or actuary	6.9	10.1	3.3	5.0	7.2	1.9	0.8	6.2	4.8	3.5	6.6	8.7	8.4	5.2
actor or entertainer	1.0	1.0	0.6	2.4	2.3	1.4	1.1	1.2	1.4	0.9	1.4	0.9	0.6	1.5
architect	1.1	0.7	0.3	1.0	0.3	1.3	1.0	0.7	0.5	0.5	0.4	0.5	0.4	0.7
artist	2.0	1.3	1.1	5.7	7.2	5.0	1.2	1.0	1.7	1.2	3.1	2.2	0.4	3.2
business (clerical)	1.2	0.4	0.1	0.7	0.3	0.2	0.1	0.7	0.5	0.2	0.5	0.4	0.2	0.4
business (management)	13.3	14.7	8.5	11.5	13.7	11.0	9.0	11.9	12.0	12.4	12.8	16.4	16.3	12.3
business owner or proprietor	4.2	3.6	1.6	4.6	3.7	4.4	2.1	3.3	3.4	3.0	4.6	4.1	4.1	3.8
business salesperson or buyer	1.7	1.4	0.7	1.6	1.3	0.9	0.4	1.0	1.2	0.9	2.3	1.7	1.7	1.3
clergy (minister,priest)	0.1	0.1	0.1	0.4	0.2	0.1	0.2	1.2	0.5	0.3	0.5	0.0	0.2	0.5
clergy (other religious)	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.7	0.2	0.3	0.1	0.1	0.1	0.3
clinical psychologist	1.8	2.0	2.0	1.7	1.5	2.4	2.3	2.3	2.6	2.4	3.0	2.5	2.1	2.2
college teacher	0.2	0.3	0.5	0.4	0.4	0.8	2.0	0.7	0.7	1.0	0.4	0.3	0.4	0.7
computer programmer or analyst	3.4	3.1	2.1	2.5	3.6	0.9	1.0	2.9	1.5	1.3	2.1	1.9	1.8	2.1
conservationist or forester	0.6	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.4	0.5	0.2	0.1	0.1	0.3
dentist (incl orthodontist)	0.9	0.4	0.3	0.4	0.3	0.4	0.2	0.5	0.6	0.9	0.3	0.5	0.8	0.5
dietitian or home economist	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.7	0.1	0.2
engineer	4.7	5.1	17.8	9.8	6.6	9.0	6.8	2.8	2.9	3.9	1.2	2.0	5.4	5.6
farmer or rancher	0.5	0.1	0.0	0.3	0.1	0.0	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.2
foreign service worker	0.3	0.7	1.9	0.6	0.8	2.7	4.3	1.4	1.8	3.4	0.6	2.0	1.9	1.7
homemaker (full-time)	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1
interior decorator	0.5	0.2	0.3	1.1	1.0	0.4	0.1	0.4	0.6	0.3	1.3	1.4	0.3	0.7
intepreter (translator)	0.2	0.3	0.4	0.1	0.4	0.6	0.6	0.3	0.3	0.6	0.1	0.3	0.4	0.3
lab technician or hygienist	0.7	0.4	0.2	0.1	0.4	0.1	0.1	0.4	0.3	0.3	0.4	0.2	0.0	0.2
law enforcement officer	1.9	1.1	0.3	0.5	0.6	0.3	0.1	0.6	0.7	0.4	2.1	0.5	0.5	0.6
lawyer (attorney) or judge	4.1	4.0	5.5	5.2	4.2	8.0	11.7	5.0	7.6	9.8	6.3	7.5	10.1	6.9
military service (career)	0.5	1.3	11.3	2.4	0.4	0.4	0.3	0.4	0.2	0.2	0.4	0.5	0.5	0.8
musician (performer,composer)	1.4	1.5	0.7	1.0	1.2	1.5	1.1	1.5	1.5	1.4	0.9	0.7	0.5	1.2
nurse	2.9	2.3	0.6	0.8	0.7	0.4	0.1	2.6	1.9	1.0	2.6	1.4	1.6	1.3
optometrist	0.6	0.2	0.2	0.2	0.2	0.3	0.1	0.3	0.4	0.2	0.2	0.2	0.3	0.2
pharmacist	2.1	0.5	0.6	0.3	0.5	1.6	0.1	0.9	0.5	0.5	0.4	0.4	0.3	0.6
physician	2.1	2.0	4.7	3.4	3.4	5.7	8.9	3.6	5.8	8.0	3.0	4.3	6.5	4.8
school counselor	0.4	0.3	0.2	0.4	0.1	0.2	0.2	0.7	0.5	0.2	0.4	0.4	0.4	0.4
school principal/superintendent	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
scientific researcher	0.9	1.6	2.6	0.7	2.6	2.3	4.0	1.3	1.7	3.0	0.8	1.7	1.3	1.7
social/welfare/recreation worker	2.1	1.2	0.5	1.6	0.9	1.0	0.6	2.3	1.6	1.0	2.5	1.6	0.9	1.5
statistician	0.1	0.1	0.1	0.0	0.2	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1
therapist (phys,occup,speech)	2.7	2.8	1.6	0.8	2.1	1.8	0.4	2.2	3.0	2.1	3.3	2.0	1.5	1.8
teacher (elementary)	7.6	9.0	5.5	5.2	4.2	2.5	0.9	8.5	7.0	3.8	9.4	5.1	2.9	5.3
teacher (secondary)	4.2	5.3	4.1	2.4	2.9	2.9	2.3	6.6	5.0	4.1	3.7	3.8	2.6	3.8
veterinarian	0.9	0.5	0.4	0.6	0.8	0.8	0.7	0.6	0.7	0.8	0.5	0.6	0.4	0.6
writer or journalist	1.9	2.4	1.9	2.5	3.7	4.1	5.3	3.2	3.3	3.5	2.0	2.7	3.9	3.3
skilled trades	1.4	0.3	0.1	1.3	0.4	0.2	0.1	0.4	0.2	0.1	0.2	0.1	0.1	0.4
other career	6.9	5.6	4.7	11.8	7.9	5.1	4.0	7.4	5.6	5.5	7.0	6.7	4.9	7.4
undecided	9.9	11.6	12.3	8.3	11.1	16.6	24.6	11.3	14.5	16.3	11.4	12.4	14.5	13.1
Miles from College to Home														
5 or less	6.1	5.0	2.0	4.0	4.5	3.5	1.4	4.6	4.6	2.5	8.6	9.7	5.3	4.6
6-10	5.6	8.2	1.9	3.9	4.9	2.9	0.8	3.8	4.1	2.0	7.2	10.4	7.2	4.4
11-50	23.7	40.9	16.1	14.2	24.4	16.9	7.2	19.5	19.0	12.7	19.4	31.1	28.8	18.5
51-100	20.2	18.5	20.0	9.6	17.8	14.3	12.0	16.8	16.8	18.9	13.9	14.3	18.7	14.7
101-500	37.2	25.4	31.7	32.6	36.5	38.9	43.2	36.4	38.0	43.5	36.2	21.9	31.6	35.6
more than 500	7.1	2.1	28.3	35.6	11.9	23.4	35.4	18.9	17.6	20.4	14.6	12.6	8.5	22.2

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Father's Education														
grammar school or less..........	4.6	2.3	1.3	2.8	3.6	1.8	1.4	4.4	1.9	1.3	5.8	3.4	2.9	3.0
some high school................	8.9	6.2	3.8	6.4	6.0	3.1	1.6	8.4	4.2	2.5	6.8	4.9	4.1	5.4
high school graduate............	33.4	29.7	17.7	24.4	22.1	14.2	6.9	26.3	19.5	13.6	25.5	23.6	16.8	20.7
postsecondary other than college	5.5	6.4	5.2	5.3	4.6	3.7	2.2	5.3	4.1	4.0	5.5	5.6	4.4	4.6
some college....................	16.6	16.6	14.1	14.9	14.3	12.3	7.6	15.6	14.0	11.5	15.4	16.5	13.6	14.0
college degree..................	17.9	22.1	26.0	23.5	24.6	24.9	22.0	18.9	23.9	25.1	20.6	21.4	27.0	22.7
some graduate school............	2.0	2.7	4.8	2.8	3.5	4.4	5.5	3.0	3.8	4.8	3.1	3.2	4.2	3.6
graduate degree.................	11.1	14.0	27.1	19.9	21.4	35.6	52.8	18.1	28.6	37.2	17.2	21.4	26.9	25.9
Father's Occupation (6)														
artist (including performer)....	0.7	0.7	0.9	1.2	1.4	1.8	1.9	0.8	0.8	1.1	0.9	0.8	0.6	1.1
businessman.....................	25.2	30.6	29.7	33.0	35.5	36.4	33.2	24.7	33.7	35.4	33.1	33.5	41.0	32.6
clergy or religious worker......	0.8	0.5	0.9	1.9	1.1	1.1	1.1	4.6	3.4	3.6	0.5	0.2	0.1	2.2
college teacher or administrator	0.5	0.5	1.6	0.9	1.4	2.1	4.7	1.4	1.7	3.0	0.8	1.0	1.0	1.7
doctor or dentist...............	0.9	1.0	2.4	2.6	2.5	6.5	10.3	1.8	4.0	6.0	2.4	2.9	4.6	3.9
education (secondary)...........	4.0	4.3	6.3	3.4	4.1	4.7	5.1	5.0	5.3	5.9	2.8	4.1	4.2	4.4
education (elementary)..........	0.8	1.2	1.4	0.8	1.3	0.9	1.0	0.8	0.9	1.2	0.9	1.0	0.9	0.9
engineer........................	7.0	8.5	10.5	7.8	8.1	7.2	7.6	6.1	6.5	7.1	6.7	6.7	7.4	7.1
farmer or forester..............	4.3	1.8	1.6	1.5	1.1	1.2	0.6	3.6	3.8	1.8	3.0	2.0	1.3	2.1
health professional (non-M.D.)..	1.4	1.2	1.4	1.3	1.5	1.5	1.1	1.2	1.3	1.4	1.0	0.9	1.1	1.2
lawyer..........................	0.6	0.9	2.1	1.9	1.9	4.6	8.3	1.2	3.1	4.0	2.5	3.4	4.8	3.1
military (career)...............	2.4	1.6	5.2	1.9	1.2	1.0	0.9	2.4	1.5	1.1	1.8	1.2	0.8	1.6
research scientist..............	0.4	0.5	1.0	0.4	0.5	1.0	2.0	0.6	0.6	1.1	0.2	0.6	0.6	0.7
skilled worker..................	11.9	12.7	7.7	8.4	9.1	6.0	3.5	9.5	6.6	5.4	7.7	9.2	6.5	7.6
semi-skilled worker.............	5.4	4.4	2.8	3.1	3.5	2.6	1.2	4.3	3.0	2.1	3.4	4.2	1.9	3.1
laborer (unskilled).............	3.4	3.2	1.6	2.6	2.6	1.2	0.7	3.2	2.2	1.2	3.2	3.1	1.5	2.3
unemployed......................	2.8	1.8	1.4	2.3	2.1	1.5	1.1	2.9	1.4	1.5	2.4	1.9	1.6	2.0
other...........................	27.4	24.8	21.6	25.1	21.1	18.6	15.7	25.9	20.0	17.1	26.5	23.2	20.1	22.3
Father's Religious Preference														
Baptist.........................	29.5	9.1	11.3	20.1	9.9	4.7	2.8	27.1	11.2	8.5	4.8	3.0	1.5	13.1
Buddhist........................	0.2	0.3	0.4	0.5	0.7	0.9	0.7	0.1	0.4	0.3	0.3	0.3	0.2	0.4
Congregational..................	1.1	0.9	1.1	2.6	1.2	2.7	3.3	1.9	1.4	1.6	0.9	0.7	0.4	1.9
Eastern Orthodox................	0.4	0.5	0.6	0.6	0.8	1.3	1.0	0.2	0.5	0.8	0.7	0.8	0.8	0.7
Episcopal.......................	1.6	2.0	5.3	3.5	3.7	6.8	8.1	2.4	4.7	5.7	1.3	2.1	1.5	3.9
Islamic.........................	0.4	0.2	0.3	0.6	0.3	0.6	0.8	0.3	0.2	0.3	0.2	0.3	0.1	0.4
Jewish..........................	1.1	2.5	2.5	3.8	5.0	6.4	11.7	0.8	1.2	1.6	0.4	0.9	0.7	3.2
LDS (Mormon)....................	0.4	0.2	0.4	0.2	0.1	0.2	0.3	0.2	0.2	0.1	0.0	0.1	0.1	0.2
Lutheran........................	5.7	10.3	6.7	4.1	3.9	5.0	4.2	7.6	9.4	19.8	4.4	4.8	4.3	6.4
Methodist.......................	12.0	9.0	11.0	8.8	7.9	6.5	5.5	11.0	14.1	11.5	4.7	3.8	2.4	8.4
Presbyterian....................	4.3	4.6	7.1	5.1	6.0	7.0	7.4	5.7	11.7	10.8	3.1	2.6	1.9	6.1
Quaker..........................	0.1	0.2	0.1	0.1	0.4	0.3	0.7	0.3	0.3	0.9	0.3	0.1	0.1	0.3
Roman Catholic..................	23.5	42.0	33.8	24.4	39.5	32.7	25.2	11.0	17.5	19.5	68.1	67.6	78.1	31.7
Seventh-Day Adventist...........	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.1	0.2	0.0	0.4	0.2	0.2	0.2
other Protestant................	4.1	4.9	6.3	8.1	6.9	6.6	5.5	11.6	13.4	4.8	2.7	3.4	1.7	7.5
other religion..................	5.4	3.6	3.0	7.4	4.0	4.2	3.6	9.9	4.7	3.9	2.4	2.7	1.2	5.6
none............................	10.1	9.5	9.8	9.7	9.4	13.9	19.1	9.9	8.9	10.0	5.4	6.7	4.7	10.1

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Mother's Education														
grammar school or less..........	2.6	1.6	1.1	2.0	3.2	1.5	1.2	2.6	1.4	1.1	4.7	2.7	2.6	2.2
some high school...............	7.6	4.2	2.7	4.5	4.8	2.4	1.4	6.6	2.8	1.9	4.5	3.8	3.0	4.1
high school graduate............	39.1	40.9	27.2	29.3	29.2	21.0	10.7	30.9	25.6	17.8	34.7	32.3	26.9	26.7
postsecondary other than college	8.0	8.9	9.0	7.5	8.7	6.7	5.7	7.3	8.1	6.9	10.0	8.0	9.3	7.6
some college....................	18.4	18.2	17.7	19.0	16.9	16.2	12.3	19.9	18.4	17.3	15.9	18.4	16.9	17.7
college degree..................	15.2	16.7	25.3	21.7	23.2	28.1	32.5	19.1	27.1	31.5	18.8	22.0	26.0	23.9
some graduate school............	2.0	2.8	4.5	3.6	3.8	5.6	7.7	3.4	4.5	6.2	3.2	2.6	4.1	4.3
graduate degree.................	7.1	6.7	12.5	12.5	10.3	18.5	28.4	10.2	12.2	17.3	8.2	10.0	11.3	13.5
Mother's Occupation (6)														
artist (including performer)....	1.1	1.0	1.6	2.2	2.5	3.9	4.7	1.5	2.5	2.9	1.0	1.6	1.7	2.4
businesswoman...................	14.1	12.8	13.1	15.7	15.5	15.6	14.1	13.1	12.9	13.7	14.0	13.3	12.4	14.2
business (clerical).............	12.1	13.6	11.7	9.7	11.7	8.0	6.2	9.8	9.7	8.8	9.7	9.6	10.3	9.4
clergy or religious worker......	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.4	0.4	0.0	0.2	0.1	0.3
college teacher or administrator	0.2	0.3	0.7	0.4	0.4	1.0	2.2	0.5	0.8	1.1	0.4	0.5	0.4	0.7
doctor or dentist...............	0.3	0.2	0.4	0.7	0.4	0.8	1.5	0.2	0.4	0.7	0.3	0.5	0.6	0.6
education (secondary)...........	3.9	3.3	6.7	4.9	4.3	5.6	7.6	4.8	5.7	6.7	3.8	3.5	4.3	5.1
education (elementary)..........	6.8	6.2	9.1	8.2	7.6	7.9	8.8	9.1	9.4	10.9	5.6	6.4	7.4	8.3
engineer........................	0.1	0.2	0.1	0.3	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.2
farmer or forester..............	0.4	0.3	0.3	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.4	0.4	0.1	0.2
health professional (non.M.D.)..	1.7	2.0	1.8	1.8	1.9	2.1	2.4	1.9	2.1	2.2	1.5	2.0	1.7	1.9
homemaker (full-time)...........	14.9	17.1	18.5	14.3	16.7	18.6	17.7	17.8	20.1	18.4	20.3	21.9	22.3	18.0
lawyer..........................	0.1	0.1	0.2	0.6	0.3	0.6	1.3	0.3	0.2	0.5	0.2	0.4	0.3	0.5
nurse...........................	7.0	8.2	8.0	7.9	7.9	6.8	5.9	7.1	7.5	7.7	9.5	8.3	10.6	7.7
research scientist..............	0.0	0.1	0.1	0.2	0.2	0.2	0.6	0.1	0.0	0.1	0.0	0.1	0.1	0.2
social/welfare/recreation worker	1.4	1.3	1.5	1.9	1.4	2.2	3.0	1.7	1.3	2.2	1.2	1.1	1.4	1.8
skilled worker..................	2.3	2.0	1.8	2.0	2.2	1.6	1.2	1.9	1.5	1.3	2.1	1.4	1.5	1.7
semi-skilled worker.............	2.9	2.8	1.9	1.6	2.5	1.5	1.1	2.7	1.7	1.4	1.9	2.3	1.7	1.9
laborer (unskilled).............	2.4	2.0	1.3	1.3	1.8	0.9	0.5	2.1	1.1	0.8	1.8	1.7	1.0	1.4
unemployed......................	6.5	5.3	3.6	6.4	5.7	5.0	4.2	5.1	4.6	4.4	6.4	6.5	5.1	5.4
other...........................	21.5	21.0	17.5	19.6	16.5	16.8	16.4	19.3	17.6	15.6	19.6	18.3	16.8	18.1
Mother's Religious Preference														
Baptist.........................	30.3	9.7	12.0	21.1	10.5	4.8	2.8	28.8	11.7	9.0	5.2	2.7	1.8	13.9
Buddhist........................	0.2	0.3	0.5	0.4	0.8	1.0	1.1	0.1	0.3	0.3	0.2	0.4	0.2	0.4
Congregational..................	1.3	1.0	1.1	2.8	1.4	3.2	3.8	2.1	1.5	1.5	0.8	0.7	0.5	2.1
Eastern Orthodox................	0.3	0.5	0.6	0.5	0.9	1.2	0.9	0.1	0.5	0.8	0.5	0.7	0.8	0.6
Episcopal.......................	2.0	2.3	5.6	4.0	4.3	7.4	8.9	2.7	5.1	6.2	1.8	2.3	1.7	4.3
Islamic.........................	0.2	0.1	0.2	0.4	0.3	0.5	0.7	0.2	0.2	0.2	0.2	0.3	0.1	0.3
Jewish..........................	1.0	2.3	2.2	3.5	4.8	5.8	11.2	0.7	1.1	1.4	0.3	0.7	0.6	3.0
LDS (Mormon)....................	0.4	0.2	0.5	0.2	0.1	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.0	0.2
Lutheran........................	5.8	10.7	6.8	4.4	3.8	5.3	4.8	7.8	9.7	20.8	4.2	4.3	4.3	6.6
Methodist.......................	12.7	9.6	11.5	9.5	8.5	7.0	6.0	11.7	15.6	12.1	4.7	4.1	2.4	8.9
Presbyterian....................	4.5	4.7	7.5	5.3	6.4	7.7	8.1	5.9	12.1	11.3	3.1	2.5	1.7	6.4
Quaker..........................	0.1	0.1	0.2	0.1	0.3	0.4	0.7	0.3	0.3	1.1	0.2	0.1	0.1	0.3
Roman Catholic..................	25.4	43.8	35.5	25.4	40.3	34.5	27.3	11.5	18.1	20.7	70.1	71.7	80.5	33.0
Seventh-Day Adventist...........	0.3	0.3	0.2	0.4	0.3	0.3	0.2	0.2	0.3	0.1	0.4	0.2	0.2	0.3
other Protestant................	4.2	5.2	6.4	8.7	6.8	6.5	5.9	12.0	13.8	5.0	2.8	3.3	1.5	7.8
other religion..................	6.2	4.0	3.5	8.1	4.4	4.5	4.2	11.1	5.0	4.1	2.9	2.6	1.4	6.2
none............................	5.0	5.2	5.5	5.3	5.9	9.6	13.3	4.5	4.7	5.3	2.4	3.4	2.0	5.7

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Reasons Noted as Very Important in Deciding to go to College														
become a more cultured person...	32.6	30.6	36.8	40.3	38.6	45.2	50.8	38.1	39.5	45.3	38.0	41.2	40.4	41.2
could not find a job...........	4.3	2.0	1.2	3.2	2.1	1.5	0.9	2.9	1.8	1.5	3.0	2.1	1.6	2.3
gain general education..........	56.9	55.1	60.7	59.2	62.0	68.5	81.1	60.0	61.3	68.5	61.2	62.2	64.4	63.6
get a better job...............	85.1	82.5	80.4	80.9	79.9	72.9	63.3	78.0	77.0	76.0	78.2	82.8	80.0	77.4
improve reading and study skills	42.5	36.0	31.3	40.7	37.6	38.4	39.4	42.4	37.1	39.4	44.1	42.2	38.9	40.3
learn more about things.........	72.6	68.4	75.6	75.9	74.4	78.7	85.9	73.4	73.3	77.2	72.7	74.0	70.8	75.6
make more money................	78.5	73.5	62.9	71.4	67.9	58.7	44.6	64.2	60.6	61.1	65.5	70.7	66.8	64.2
nothing better to do............	3.3	1.8	2.0	2.7	2.0	2.3	2.9	2.7	1.9	2.4	2.7	1.6	1.7	2.4
parents wanted me to go.........	22.6	17.3	17.3	21.7	18.6	18.6	16.8	21.5	19.0	19.7	20.8	19.7	18.9	20.0
prepare for graduate school.....	47.8	42.5	49.3	47.2	45.6	53.5	59.3	47.6	50.5	57.5	48.2	52.2	54.0	50.4
wanted to get away from home....	13.7	11.5	10.1	13.7	11.2	11.5	11.6	12.6	12.0	12.2	11.9	11.0	9.8	12.1
Reasons Noted as Very Important in Selecting This College														
advice of guidance counselor....	9.4	7.8	6.3	7.2	7.6	8.3	8.3	6.2	5.4	5.9	8.0	6.9	7.4	7.0
advice of teacher...............	4.8	4.0	3.2	4.8	5.8	5.5	5.3	3.9	3.8	3.4	3.5	3.9	3.5	4.4
friend suggested attending......	10.6	7.6	5.7	8.3	7.2	6.7	5.1	11.0	8.3	6.9	8.4	7.7	7.8	8.2
good academic reputation........	40.3	57.0	77.5	57.4	67.1	71.1	83.4	52.9	69.3	78.2	54.7	68.4	71.2	64.4
good social reputation..........	19.6	19.4	19.6	19.9	21.2	21.5	24.4	22.5	24.7	23.7	19.8	25.2	28.4	22.5
graduates get good jobs (7).....	28.4	30.9	42.2	40.9	44.3	38.7	30.9	29.7	37.9	41.1	32.5	44.2	39.9	37.5
low tuition.....................	27.0	31.7	32.0	7.3	4.4	3.2	1.5	8.5	4.4	2.6	6.9	7.6	4.8	5.8
not offered aid by first choice.	5.2	5.0	5.8	4.1	4.9	4.5	2.8	5.5	4.8	4.4	5.4	4.9	5.4	4.7
offered financial assistance....	24.5	17.1	20.9	22.9	32.5	31.6	25.5	41.5	39.7	38.9	37.5	35.9	29.0	33.0
offers special programs.........	23.0	18.9	23.8	32.7	29.6	25.9	22.6	23.2	20.8	25.3	23.4	22.0	15.9	25.4
recruited by athletic department	5.7	4.9	7.4	4.6	6.1	6.8	5.6	10.1	11.0	8.9	10.4	8.8	4.8	7.6
recruited by college rep........	4.6	2.5	2.7	5.3	5.1	5.1	3.1	9.7	9.6	7.6	10.2	6.3	3.9	6.7
relatives wanted me to come.....	8.0	6.2	5.8	8.2	5.0	5.7	4.3	8.5	7.3	5.9	6.6	7.3	7.0	7.0
wanted to live near home........	20.8	22.8	11.6	10.5	14.2	10.6	5.5	16.2	12.4	9.3	17.7	19.8	16.8	13.1
Residence Preferred During Fall Term														
with parents or relatives.......	13.0	14.3	9.4	9.8	10.4	7.9	3.5	11.4	7.1	4.9	13.6	15.0	9.5	9.5
other private home,apt,room.....	39.5	30.6	28.1	38.6	25.8	19.7	10.0	27.3	23.1	19.6	28.8	22.1	17.1	25.5
college dormitory...............	29.7	39.2	47.1	34.9	46.1	56.9	75.5	47.2	53.4	59.4	42.6	48.1	57.5	49.6
fraternity or sorority house....	8.3	7.1	8.3	6.6	6.7	8.3	4.6	5.1	9.8	9.9	6.6	6.1	5.3	6.7
other campus housing............	6.8	7.1	5.3	7.5	9.2	5.9	5.3	7.1	4.9	4.4	6.3	6.8	9.6	6.8
other...........................	2.8	1.7	1.8	2.6	1.9	1.4	1.0	1.8	1.8	1.8	2.2	1.9	1.0	1.8
Residence Planned During Fall Term														
with parents or relatives.......	21.0	30.3	4.5	11.0	17.0	6.0	0.7	10.8	5.6	3.3	20.1	28.4	17.0	11.4
other private home,apt,room.....	3.8	3.0	2.4	6.7	2.4	1.0	0.3	3.0	1.2	0.4	1.9	2.3	2.3	2.8
college dormitory...............	72.3	62.8	88.5	76.7	78.1	90.6	96.9	84.5	91.0	91.9	76.1	67.8	76.9	82.8
fraternity or sorority house....	0.5	0.2	2.3	0.4	0.8	1.2	0.3	0.2	1.0	3.6	0.5	0.3	0.2	0.7
other campus housing............	2.1	3.4	1.7	4.6	1.5	1.1	1.7	1.3	1.1	0.8	1.3	1.1	3.5	2.0
other...........................	0.3	0.3	0.5	0.6	0.3	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.3

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

SOURCES FOR EDUCATIONAL EXPENSES	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Received Any Aid From														
parents or family	78.0	81.6	71.5	86.2	87.6	90.7	93.7	82.0	88.7	90.1	82.5	83.8	89.3	86.7
spouse	1.4	0.7	0.4	1.2	0.8	0.6	0.5	1.4	0.5	0.5	0.9	0.6	0.8	0.9
savings from summer work	50.2	61.0	49.5	51.3	63.3	62.4	66.3	53.2	63.3	65.8	55.6	63.1	68.9	58.9
other savings	27.5	31.8	27.0	27.2	33.0	33.5	36.3	28.1	32.4	34.1	29.6	33.0	32.8	30.9
part-time job on campus	22.9	18.2	13.4	22.8	35.1	31.9	34.8	30.9	33.1	31.2	32.6	29.6	24.6	29.8
other part-time job while at col	22.6	26.3	10.5	18.7	20.7	12.6	8.3	17.0	16.9	10.5	20.2	26.7	19.7	17.2
full-time job while at college	2.8	1.8	1.1	1.8	1.5	1.9	0.3	1.5	0.6	0.4	1.2	1.3	0.8	1.3
Pell Grant	21.2	11.2	6.6	19.4	19.7	14.2	9.5	27.5	19.8	15.1	21.5	20.4	14.0	19.5
Supp Educational Oppty Grant	3.7	2.7	1.6	6.0	6.0	6.2	4.9	7.6	7.3	6.8	7.2	6.7	4.7	6.5
state scholarship or grant	8.4	10.3	9.7	11.1	17.1	14.1	9.4	19.6	21.2	18.2	14.3	18.5	15.6	15.7
College Work-Study Grant	6.3	3.3	1.7	8.2	15.6	16.9	15.4	16.5	15.1	17.3	15.0	14.7	12.9	14.2
other college grant	20.3	18.3	13.5	24.8	40.8	37.2	33.6	44.7	49.2	46.0	36.8	40.4	36.3	37.9
other private grant	7.0	8.4	11.6	10.9	12.9	13.3	17.7	16.5	19.3	17.6	12.4	10.5	12.6	14.2
other govt aid (ROTC,BIA,GI,etc)	2.2	1.4	15.7	3.3	1.5	1.1	1.1	2.2	1.3	1.3	1.8	2.0	1.3	2.0
Federal Guaranteed Student Loan	18.4	15.0	11.2	29.8	33.2	30.6	26.2	32.5	34.1	29.3	33.6	33.8	29.9	31.3
National Direct Student Loan	2.5	1.7	1.8	3.2	4.0	3.6	3.7	4.4	3.0	5.6	3.8	3.1	2.8	3.7
other college loan	5.4	4.2	3.9	7.7	9.5	9.2	10.2	8.9	9.6	8.1	8.6	9.4	8.8	8.9
other loan	5.5	4.4	4.0	7.4	7.7	7.2	6.7	7.9	7.6	6.0	6.8	6.9	6.6	7.3
other	2.9	2.3	3.2	3.5	3.3	3.4	2.7	3.9	3.7	3.4	4.0	3.2	2.7	3.5
Received $1,500 or More From														
parents or family	45.9	53.3	50.7	65.9	70.9	77.3	86.2	54.5	69.0	75.9	59.4	63.0	75.8	67.5
spouse	0.4	0.2	0.1	0.4	0.4	0.2	0.2	0.3	0.2	0.2	0.4	0.2	0.2	0.3
savings from summer work	5.2	7.4	5.1	5.8	9.7	11.2	11.1	5.8	8.8	8.9	6.8	8.1	13.8	8.2
other savings	3.8	4.6	4.3	5.4	6.9	8.7	10.0	5.2	7.4	8.5	5.7	6.9	7.3	6.7
part-time job on campus	0.5	0.4	0.2	1.1	2.4	1.0	1.2	1.4	0.9	0.8	0.9	1.4	1.5	1.3
other part-time job while at col	0.9	1.0	0.4	1.2	1.7	0.9	0.4	0.8	1.0	0.6	1.4	1.7	1.7	1.1
full-time job while at college	0.5	0.3	0.7	0.5	0.3	1.3	0.1	0.3	0.2	0.1	0.2	0.2	0.3	0.4
Pell Grant	4.1	1.6	0.9	3.7	3.8	2.5	2.3	4.9	3.3	3.1	3.6	4.0	2.6	3.6
Supp Educational Oppty Grant	0.5	0.3	0.1	0.8	1.0	1.0	1.5	0.7	0.9	1.2	0.6	0.8	0.7	0.9
state scholarship or grant	1.0	1.4	2.4	1.3	3.5	3.3	1.9	3.4	3.8	5.5	1.9	5.4	4.0	3.1
College Work-Study Grant	0.3	0.1	0.0	0.3	0.3	0.5	0.6	0.3	0.2	0.3	0.1	0.4	0.2	0.3
other college grant	4.0	5.5	5.3	11.7	27.8	28.6	28.0	23.9	28.1	33.2	20.4	23.3	22.9	23.1
other private grant	1.0	1.3	2.5	2.8	3.5	4.4	7.4	3.5	4.6	5.9	2.9	2.5	3.3	3.9
other govt aid (ROTC,BIA,GI,etc)	0.9	0.8	15.1	2.1	1.0	0.6	0.8	1.0	0.7	0.7	0.6	1.0	0.8	1.1
Federal Guaranteed Student Loan	6.0	4.3	3.4	12.7	14.4	13.8	11.5	12.6	13.0	12.1	13.1	12.4	12.1	12.8
National Direct Student Loan	0.4	0.2	0.3	0.8	0.8	1.0	1.0	0.9	0.6	0.8	0.7	0.7	0.7	0.8
other college loan	1.6	1.6	1.6	3.5	4.8	5.1	6.5	3.7	3.8	3.9	3.9	4.6	3.7	4.2
other loan	2.4	1.9	2.2	4.5	4.9	4.9	4.9	4.3	4.0	3.8	3.6	3.7	3.8	4.3
other	0.9	0.7	1.7	1.8	1.7	1.9	1.5	1.7	1.8	1.7	1.8	1.6	1.4	1.7
Concern about Financing College														
no concern	33.0	37.4	54.0	36.5	33.2	39.0	42.0	30.7	33.7	37.2	31.7	30.2	35.4	34.7
some concern	51.1	50.4	38.4	46.3	50.6	46.3	46.3	52.3	51.1	49.0	50.6	52.7	50.9	49.4
major concern	15.9	12.2	7.5	17.2	16.2	14.7	11.7	17.0	15.3	13.7	17.7	17.0	13.7	15.9

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Students Estimate Chances Are Very Good That They Will														
be elected to an honor society..	6.1	5.8	10.0	9.0	8.8	9.7	10.1	9.4	9.8	11.4	5.9	7.4	9.0	9.1
be elected to student office....	3.6	2.5	4.0	5.1	3.8	4.7	3.9	4.5	4.5	4.5	3.5	3.8	4.1	4.4
be satisfied with college.......	43.5	47.5	62.2	51.1	55.3	58.5	68.4	55.0	56.8	62.8	48.3	55.2	57.0	56.0
change career choice............	10.7	14.4	15.7	8.5	11.3	18.2	29.1	12.7	16.5	20.1	11.6	14.1	18.2	14.6
change major field..............	12.5	16.5	16.1	10.8	11.9	17.3	26.2	12.5	16.7	19.4	13.0	15.2	18.1	14.9
drop out permanently............	1.0	0.8	0.6	1.1	0.6	0.6	0.5	0.6	0.7	0.4	1.0	0.7	0.6	0.7
drop out temporarily............	1.2	1.0	0.8	1.3	1.1	1.0	1.4	1.2	0.9	0.9	1.1	0.6	0.8	1.1
fail one or more courses........	1.7	1.4	1.0	1.3	1.3	1.2	1.5	1.3	1.0	1.0	0.8	0.7	1.0	1.2
find job in own field...........	72.1	70.5	74.9	72.2	73.0	65.7	57.7	70.4	69.2	69.1	68.6	71.4	69.7	69.3
get bachelor's degree...........	67.5	78.1	86.1	75.2	79.3	82.1	86.3	75.5	77.1	81.8	70.9	76.3	78.7	77.7
get job to pay college expenses.	32.9	38.3	31.1	29.8	40.2	38.6	39.8	37.5	38.8	37.4	35.5	42.9	37.1	36.7
get tutoring in some courses....	15.4	12.7	11.6	15.8	9.1	11.8	11.0	13.6	12.2	11.0	15.1	13.1	10.5	12.9
graduate with honors............	10.1	10.7	14.5	14.9	14.2	14.1	15.3	13.9	13.2	14.7	9.5	12.6	13.7	13.9
join social frat or sorority....	18.7	16.0	24.4	21.3	17.4	21.0	21.4	19.8	25.0	27.2	16.6	20.5	17.5	20.8
make at least "B" average.......	32.3	40.8	45.9	41.2	46.9	48.9	49.0	40.9	45.1	49.3	37.8	47.9	48.3	44.5
marry while in college..........	6.0	4.5	2.3	4.5	3.1	2.6	1.2	6.4	4.3	2.8	4.8	2.8	2.3	3.9
marry within a year after coll..	19.8	17.1	15.2	17.4	14.7	12.1	6.6	21.0	18.6	15.0	17.0	14.1	12.8	15.9
need extra time for degree......	7.3	8.5	6.7	6.8	5.7	4.9	3.1	6.2	5.9	4.7	6.5	6.1	5.7	5.8
participate in student protests.	5.0	4.4	4.7	7.9	6.3	9.5	15.3	7.1	5.7	8.1	6.5	5.3	5.0	7.7
play varsity athletics..........	14.8	15.8	22.1	16.9	18.9	25.3	26.8	23.1	25.1	26.5	22.2	22.0	20.4	22.1
seek individual counseling......	4.3	3.5	3.2	4.1	3.8	4.3	5.0	4.8	3.6	3.6	5.4	4.4	4.4	4.3
seek vocational counseling......	3.8	5.0	5.4	4.3	4.9	6.5	10.6	5.5	5.9	6.7	4.5	5.6	6.2	5.8
transfer to another college.....	15.4	11.6	5.5	11.1	7.1	7.2	3.3	11.9	9.0	5.9	12.2	7.5	5.6	8.9
work at outside job.............	18.5	23.7	10.6	15.3	17.0	12.8	9.7	15.8	15.1	11.3	18.0	24.7	17.5	15.5
work full-time while attending..	3.8	2.9	2.2	3.0	2.3	2.5	0.8	3.0	1.8	1.5	2.4	3.1	2.0	2.5
Objectives Considered to be Essential or Very Important (7)														
achieve in a performing art.....	10.3	10.8	9.3	13.0	13.4	14.6	16.2	12.5	12.5	13.2	11.5	10.2	8.8	12.8
be authority in my field........	73.3	71.3	73.8	74.1	72.2	70.7	68.9	69.4	70.7	72.1	69.0	74.1	69.5	71.3
be expert on finance/commerce...	28.6	26.8	18.9	25.2	24.3	21.3	17.2	23.8	22.6	21.5	25.3	29.4	26.8	23.8
be successful in own business...	56.3	48.0	37.5	55.5	52.0	48.3	37.7	46.5	46.2	43.9	52.8	53.7	50.0	49.3
be very well off financially....	77.4	74.1	66.1	73.9	71.0	64.9	52.6	62.1	62.2	63.5	68.5	74.7	70.6	66.8
create artistic work............	11.4	10.1	10.1	16.7	19.6	18.5	17.1	10.9	12.4	13.0	14.0	13.9	9.5	14.7
develop philosophy of life......	50.9	47.0	52.8	53.5	52.9	58.7	66.5	54.3	54.4	57.4	51.4	53.1	53.3	55.3
get married.....................	65.4	68.8	71.2	66.8	68.6	67.8	65.5	69.5	71.2	70.3	69.8	71.0	75.7	69.0
have admin responsibility.......	43.3	40.9	38.4	38.7	38.1	34.1	27.7	35.6	35.3	34.3	38.7	42.5	40.3	36.5
help others in difficulty.......	57.5	55.3	57.4	58.1	56.9	58.5	61.5	65.6	60.1	61.0	62.4	60.2	58.1	60.5
influence political structure...	16.2	14.7	19.2	18.5	16.6	21.6	26.1	17.6	18.2	21.5	18.2	18.8	18.8	19.2
influence social values.........	38.8	35.7	35.5	41.5	38.3	39.3	41.0	45.3	42.0	41.8	43.0	41.8	39.4	41.8
join org like Peace Corps/VISTA.	6.3	5.7	6.3	8.3	8.1	11.2	15.7	8.4	7.9	10.7	8.8	8.9	8.4	9.3
keep up to date with politics...	27.5	31.7	41.6	35.9	36.0	47.3	58.0	34.8	39.4	46.8	33.1	38.1	40.7	39.8
obtain recog from colleagues....	55.9	55.8	55.1	56.7	58.2	54.9	51.8	48.1	52.8	53.6	55.2	60.4	55.1	54.2
participate in community action.	23.5	18.7	20.5	25.9	22.5	24.6	29.8	26.1	24.0	27.2	25.5	23.0	23.9	25.4
promote racial understanding....	32.9	29.0	32.7	40.2	33.7	41.5	51.7	38.0	33.8	38.7	36.1	33.0	33.0	38.4
raise a family..................	65.8	66.6	68.9	66.2	67.1	67.1	66.3	69.4	70.2	69.1	69.1	69.4	74.0	68.4
theoretical contrib to science..	9.8	9.6	13.7	13.2	11.9	13.2	15.8	9.0	10.0	13.1	9.0	10.2	10.4	11.6
write original works............	11.6	12.1	13.4	13.6	15.5	18.7	23.9	14.2	15.3	16.8	13.2	13.8	13.3	15.5

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1988

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Political Views														
far left	2.8	1.8	1.4	3.1	2.4	2.3	3.3	2.7	1.5	2.1	2.4	1.2	1.4	2.4
liberal	20.8	21.6	21.0	25.4	23.5	29.7	38.0	21.1	20.2	27.2	22.5	21.6	20.8	24.7
middle of the road	56.8	56.5	48.7	48.2	49.4	44.0	37.6	47.8	48.5	43.8	55.9	56.2	51.2	47.9
conservative	18.0	18.8	26.9	21.4	23.0	22.1	19.7	26.5	27.8	25.2	18.1	19.6	25.0	23.1
far right	1.5	1.3	2.0	1.9	1.7	1.9	1.4	1.9	1.9	1.8	1.1	1.5	1.6	1.7
Agrees Strongly or Somewhat														
abolish death penalty	21.9	22.2	20.3	24.4	23.1	27.8	37.4	26.1	22.4	25.7	27.0	28.6	29.6	26.6
abortion should be legalized	54.5	57.0	60.3	59.8	58.6	69.0	77.6	44.1	51.4	63.2	44.7	48.4	46.0	55.9
busing OK to achieve balance	55.8	52.1	49.7	56.2	51.4	55.6	60.0	54.8	51.9	53.2	56.0	55.4	52.3	54.9
coll appreciated if cost higher	53.9	54.2	57.4	54.7	53.7	53.9	53.6	51.9	55.8	55.5	51.5	54.4	56.4	53.9
college increases earning power	74.8	71.0	62.5	70.1	64.8	53.9	37.3	64.1	58.6	55.6	65.6	66.6	61.3	61.5
control AIDS by mandatory tests	73.0	67.9	64.5	67.6	65.8	58.3	47.2	64.2	63.8	60.3	67.9	66.3	63.4	63.2
employers can require drug tests	74.0	71.6	74.5	71.7	70.6	64.2	58.6	74.7	73.5	70.4	69.7	69.3	69.3	70.1
govt not controlling pollution	81.9	83.0	85.7	83.4	87.1	87.8	91.8	83.5	85.0	88.0	82.3	84.4	85.6	85.3
govt not promoting disarmament	67.8	67.9	58.9	67.7	69.2	69.4	75.1	66.6	65.0	68.8	70.6	69.8	68.2	68.5
govt not protecting consumer	68.7	63.6	57.5	67.5	66.3	64.6	63.0	66.2	61.3	60.2	67.6	64.2	63.1	65.1
increase fed military spending	28.8	24.6	31.9	29.5	21.9	18.6	13.5	25.4	23.3	19.2	23.1	19.8	20.3	23.0
live together before marriage	48.7	52.7	47.7	51.2	51.5	57.2	61.0	34.5	40.0	45.4	47.8	46.6	42.7	46.9
man not entitled to sex on date	83.3	84.3	88.5	82.3	84.6	85.5	89.3	87.7	86.8	87.1	84.3	84.6	84.9	85.5
marijuana should be legalized	18.0	19.5	15.5	21.9	20.6	26.4	27.4	14.0	16.5	19.3	18.1	16.3	18.1	19.6
no endow investment in S Africa	41.3	44.5	53.9	50.5	48.9	56.6	67.6	45.8	46.4	54.0	42.5	46.2	51.8	50.5
nuclear disarmament attainable	61.2	61.6	59.3	60.8	61.8	62.6	62.7	58.9	59.8	62.6	63.3	61.6	62.3	61.1
only volunteers in Armed Service	54.5	55.2	49.6	55.0	54.7	56.5	58.3	52.7	49.7	52.5	49.3	53.5	50.7	53.7
prohibit homosexual relations	57.8	48.4	44.5	51.6	43.3	34.6	19.5	55.6	47.7	37.4	46.0	44.8	41.5	45.0
raise taxes to reduce deficit	24.1	27.8	33.3	27.3	28.3	33.0	45.7	25.9	30.1	34.5	25.6	25.3	28.2	29.5
sex OK if people like each other	48.4	52.1	47.2	50.8	49.1	55.3	57.4	33.4	40.6	45.9	42.8	44.9	43.9	45.7
too much concern for criminals	69.7	70.0	72.5	68.2	70.2	65.3	55.0	67.8	68.2	65.5	67.2	67.5	67.2	66.7
women's activities best in home	28.0	23.3	19.9	28.2	24.7	20.0	13.7	25.8	22.6	19.2	24.3	23.7	22.0	23.6
Permission to Use Student I.D.														
yes	78.3	79.2	85.0	76.2	79.3	75.3	75.6	82.4	77.1	78.6	69.0	70.2	74.6	77.0
no	21.7	20.8	15.0	23.8	20.7	24.7	24.4	17.6	22.9	21.4	31.0	29.8	25.4	23.0

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1988 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

Appendix A

Research Methodology

APPENDIX A

RESEARCH METHODOLOGY

1988 CIRP FRESHMAN SURVEY

The freshman survey data reported here have been weighted to provide a normative picture of the American college freshman population for persons engaged in policy analysis, human resource planning, campus administration, educational research, guidance and counseling, as well as for the general community of students and parents. The survey instrument, the Student Information Form (SIF), is revised annually to reflect the changing concerns of the academic community and of others who use the information. SIF data also provide initial input information for longitudinal research. Follow-up surveys of individual students in each entering class are conducted at various intervals after the initial survey. In recent years, longitudinal follow-ups of CIRP students have been used in major studies of dropouts (Astin, 1975), campus protests (Astin, Astin, Bayer, & Bisconti, 1975), education and work (Bisconti and Solmon, 1976), campus change (Astin, 1976), student development (Astin, 1977), minorities (Astin, 1982), and educational policy (Astin, 1985). (For the most recent follow-up report, see Astin *et. al.*, 1987.)

From 1966 to 1970, approximately 15 percent of the nation's institutions of higher education were selected by sampling procedures and invited to participate in the program. As the academic community became aware of the value of program participation, additional institutions asked to participate. Beginning in 1971, all institutions that have entering freshman classes and that respond to the U. S. Department of Education's (DOE) Higher Education General Information Survey were invited to participate. A minimum charge plus a unit rate based on the number of forms processed helps to defray the direct costs of the survey. In Fall 1974 and 1975, samples of proprietary institutions also participated in the survey.

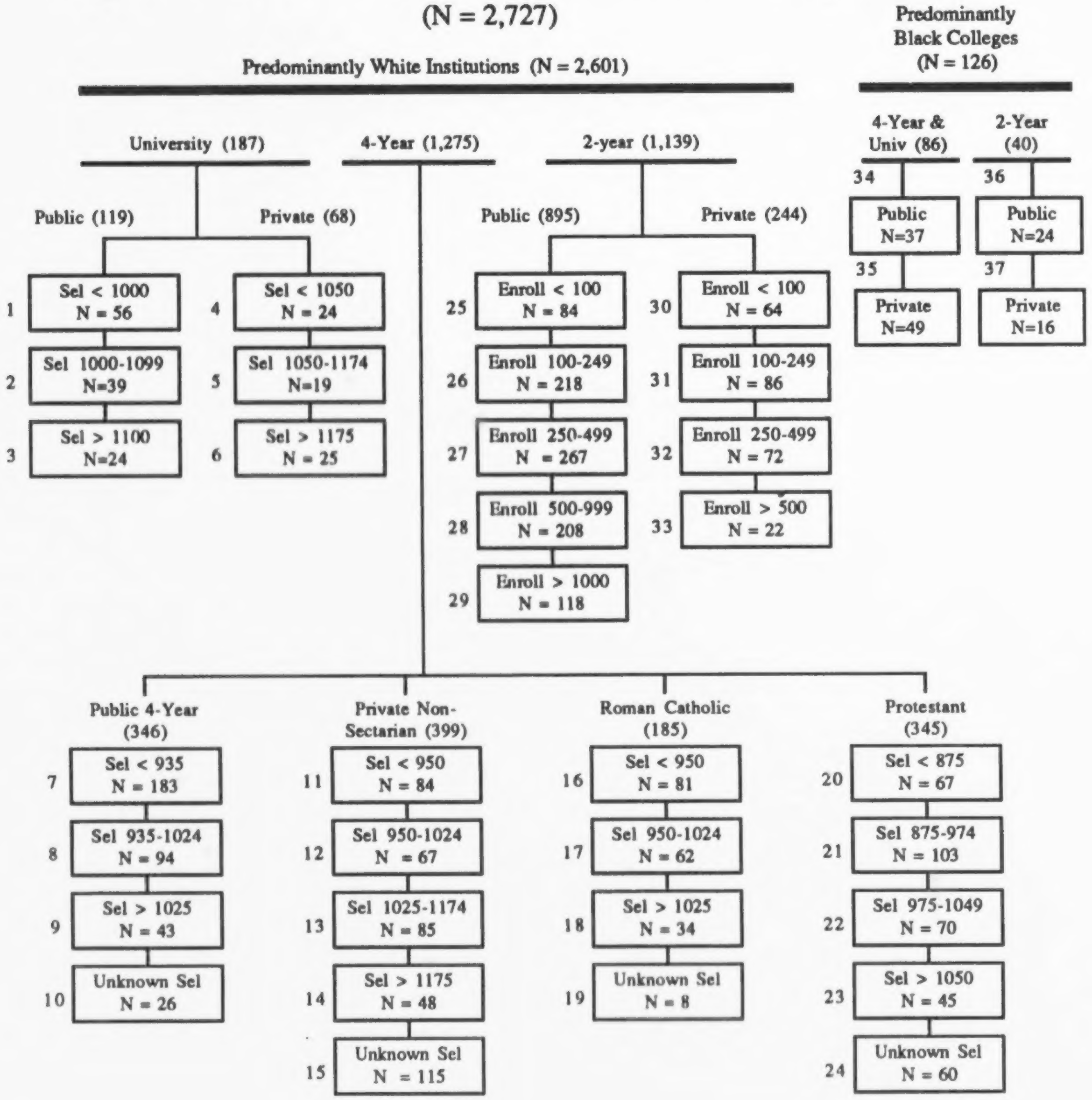
The normative data are reported separately for women and men, and for 37 different groupings of institutions. The major stratifying factors are institutional race (predominantly black versus predominantly white), type (two-year college, four-year college, university), control (public, private-nonsectarian, Roman Catholic, and Protestant), and the "selectivity level" of the institution. Selectivity, which is an estimate of the average academic ability of the entering class, was made an integral part of the CIRP stratification design (Figure A-1) in 1968 because of its substantial correlation with most measures of institutional "quality" (Astin, 1962). Since 1975, a revised and updated selectivity measure has been used (Astin & Henson, 1977). Stratification cell assignment is based chiefly on data supplied by institutions to various educational directories and college guides. Changes in stratification cell assignments do occur; requests for review are honored each year. Appendix D lists the current stratification cell assignment of all institutions that have participated in the CIRP freshman survey since 1966.

The 1988 Data

Although 308,007 entering freshmen at 585 colleges and universities returned their forms in time for data to be included in the 1988 norms, the normative data presented here are based on responses from 222,296 freshmen entering 402 two- and four-year institutions.

The national norms are based only on data from institutions where the coverage of entering freshmen was judged to be representative. This judgment is based on the percentage of first-time, full-time freshmen who completed the 1988 SIF and on the procedures used to administer the forms. Four-

Figure A-1: 1988 Data Bank Population



Selectivity (SEL), used to define strata for four-year colleges and universities, is an estimate of the mean score of entering freshmen on the Verbal plus Mathematical portions of the Scholastic Aptitude Test (or the converted SAT math and verbal equivalents from the American College Test composite). The method of estimation is described in the detail in Astin and Henson (1977) and in Appendix A of the current report. ***Enrollment (ENROLL),*** used to define strata for two-year colleges, is based on the total number of first-time, full-time entrants. The stratification design presented here is used to group schools to develop population weights and should not be used as measure of institutional or program quality.

year colleges are included in the national norms if over 85 percent of their first-time, full-time freshmen completed the SIF; universities must have over 75 percent participation, while two-year colleges must have 50 percent.[1]

The normative data presented here were collected by administering the 1988 SIF during registration, freshman orientation, or the first few weeks of classes. The SIF is designed to elicit a wide range of biographic and demographic data, as well as data on the student's high school background, career plans, educational aspirations, financial arrangements, high school activities, and current attitudes. Those data meeting minimal quality requirements for inclusion in the 1988 norms were differentially weighted to represent the population of entering freshmen at all higher educational institutions in the United States.[2]

Part-time students and those who are not first-time college students (i.e., transfers and former enrollees) were excluded from the normative sample. Since the 1972 survey, special care has been taken to define these enrollment statuses; in surveys before 1972, the participating institutions were asked to exclude part-time students, while non-first-time students were excluded during the data processing stage by screening out those who indicated that they had previously attended college. Since that time, all students who did not identify themselves as part-time were included in the national norms if they either graduated from high school in the year of the survey or had never attended any postsecondary institution.

Institutional Stratification Design

The stratification design for the 1988 survey is identical to that used in 1987 (see Figure A-1). The rationale for this particular design is provided in the 1971 and 1979 normative reports.

The population included all eligible institutions of higher education listed in the annual Department of Education *Education Directory* (1986). An institution was considered eligible if it was operating at the time of the survey and if it had a freshman class of at least 25 students. Thus, institutions requiring undergraduate credits for admission to their first class (e.g., some professional schools) and a few very small institutions were excluded. In addition, some institutions or their branches were included even though separate 1986 enrollments were not available from DOE, because they were part of prior universes in these surveys and were known to be functioning with first-time, full-time entering freshmen. With these exceptions, the defined population comprised all accredited and nonaccredited institutions listed by DOE, whether university, four-year college, or two-year college. For the 1988 survey, the population of institutions numbered 2,727.

Typically, institutions make budgetary decisions and plan their orientation and registration programs early in the year. Since these matters affect participation in the freshman survey, institutions must be invited to participate several months before information is available to define the final survey population. A total of 2,727 institutions were invited to participate in the 1987 survey. A total of 591 (21.7 percent) of the institutions accepted the invitation to participate. Of the 562 institutions participating in the 1987 freshman survey, 488 (87.0 percent) opted to participate again in 1988.

Because of administrative and logistic problems, 6 institutions that accepted the invitation to participate in the 1988 survey were unable to return their completed freshman survey forms in time for their data to be included in the national norms. Thus, data were obtained from 585 (99.0 percent) of the institutions that had agreed to participate in the 1988 survey. Appendix D lists all institutions that have participated in the CIRP in any year since its inception in 1966. Appendix D also provides information about current stratification cell assignment, the number of years an institution has participated in the CIRP freshman survey, and its norm status (norms data or not norms data) in all surveys.

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[1] Each participating institution received a complete tabulation of its data, but those with an unrepresentative sampling were informed that comparisons between their institutional data and the national norms should be made with caution.

[2] A distinction should be made between higher education and postsecondary education. The normative data exclude students attending most proprietary, special vocational, or semiprofessional institutions; they include those attending two-year colleges and terminal occupational programs.

Weighting Procedures

The data obtained from students were differentially weighted because of disproportionate sampling of institutions within each stratification cell and because not all students at each college completed the SIF. Table A-1 shows the number of participating institutions in each stratification cell and the cell weights applied to each institution's data in computing the national norms. The cell weights in the last two columns are the ratios between the number of first-time, full-time freshmen in the eligible population within a given cell and the total number of freshmen entering sample institutions in that cell, computed separately for each sex. Since population data for Fall 1988 or Fall 1987 enrollments were not available at the time of the 1988 survey, these weights were derived from the Department of Education's Integrated Postsecondary Education Data System (IPEDS) Fall 1986 enrollment data. In effect, this procedure assumes that the sample institutions within a cell account for the same proportion of students in that cell in 1988 as in Fall 1986.

These cell weights were further adjusted within each institution, by sex, according to the proportion of the institution's 1988 first-time, full-time freshmen who completed the SIF. These total counts of 1988 freshmen are obtained directly from each participating institution at the time of the freshman survey. Typically, this second weight was between 1.0 and 2.0; in the case of an institution that administered the form to its entire freshman class, the weight was exactly 1.0. The final weight applied to the data from each student was the product of this within-institution participation weight and the appropriate cell weight shown in Table A-1.[3]

These weighting procedures generated summary data representative of all first-time, full-time students entering institutions of higher education in the fall of 1988. Note that the SIF was completed by entering freshmen; consequently the data reflect student responses prior to any substantial experience with college life.

The Student Information Form

The SIF is designed to serve two functions: first, to obtain student input data for longitudinal research; and second, to obtain standard descriptive and normative data for general information about the freshman population at American colleges. The questionnaire includes standard biographic and demographic items that have been administered annually to each entering class, as well as research-oriented items that may have been modified from previous years (e.g., see the list of attitudinal questions listed under item #32, Appendix B). The inclusion of modified items permits a more thorough coverage of student characteristics but also represents a compromise between two mutually exclusive objectives: (1) comparability of information from year to year which is required for assessing trends; and (2) flexibility in item content to meet changing information and research needs. Table A-2 lists the 1988 SIF items and indicates previous survey years in which comparable items have been used.

The SIF, reproduced in Appendix B, has been developed in collaboration with students, professional associations, participating institutions, government agencies, educational researchers, administrators, policy makers, and members of the CIRP Advisory Committee. It is designed for self-administration under proctored conditions and for processing onto magnetic tape with a mark reflex reader. The SIF content is reviewed annually by the CIRP project staff, with the assistance of the CIRP Advisory Committee as well as others interested in the annual freshman survey program.

Four tape files are developed from the SIF each year: (1) an institutional summary file containing institutional identification numbers and an institutional summary of the responses for men and women; (2) a file containing individual responses and a student identification number, but no names and addresses; (3) a name-and-address file containing a second, independent student identification number; and (4) a

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[3] The cell weight in Table A-1 is a sex-specific constant for each sample institution in a given cell, whereas the within-institution weight is a sex-specific constant for a given institution but varies from one institution to another, depending on how adequately the institution "covered" its entering class.

Table A-1

Institutional Sample and Population Weights Used to Compute the 1988 National Freshman Norms

	Number of Institutions			Cell Weights (1) Applied to Data Collected From	
		Participants			
Stratification Cell for Sampling (2)	Population	Total	Used in Norms	Men	Women
Public Universities					
1. Less than 1,000	56	10	6	6.93	7.10
2. 1,000 - 1,099	39	14	9	5.33	4.77
3. 1,100 or more	24	18	12	2.57	2.41
Private Universities					
4. Less than 1,050	24	12	8	2.37	2.48
5. 1,050 - 1,174	19	13	10	2.16	2.21
6. 1,175 or more	25	14	12	1.86	1.78
Four-Year Public Colleges					
7,10. Less than 935 or unknown	209	34	15	14.97	16.37
8. 935 - 1,024	94	21	13	8.20	7.34
9. 1,025 or more	43	16	10	4.43	5.37
Four-Year Private Nonsectarian Colleges					
11,15. Less than 950 or unknown	202	37	22	6.28	6.42
12. 950 - 1,024	67	25	19	2.83	2.93
13. 1,025 - 1,174	85	48	34	3.09	2.23
14. 1,175 or more	48	39	29	1.46	1.60
Four-Year Catholic Colleges					
16,19. Less than 950 or unknown	89	24	17	3.97	4.75
17. 950 - 1,024	62	27	14	6.40	3.70
18. 1,025 or more	34	18	13	2.13	2.27
Four-Year Protestant Colleges					
20,24. Less than 875 or unknown	127	22	13	7.72	8.85
21. 875 - 974	103	33	25	3.99	4.02
22. 975 - 1,049	70	33	29	2.31	2.28
23. 1,050 or more	45	31	20	2.33	2.25
Two-Year Public Colleges					
25,26. Less than 249	302	17	14	20.58	29.83
27. 250 - 499	267	15	14	16.24	24.58
28. 500 - 999	208	9	5	36.97	41.10
29. 1,000 or more	118	5	2	77.75	69.06
Two-Year Private Colleges					
30. Less than 100 (3)	64	3	2	0.00	9.03
31. 100 - 249	86	12	12	8.03	7.05
32,33. 250 or more	94	7	7	9.10	21.59
Predominantly Black Colleges					
34,36. Public 4-year and 2-year	60	11	4	14.30	14.73
35,37. Private 4-year and 2-year	66	17	12	4.47	4.44

(1) Ratio between the number of 1988 first-time, full-time students enrolled in all colleges and the number of first-time full-time students enrolled at colleges in the 1988 CIRP sample.

(2) Categories within 4-year college and university types are based on selectivity, while categories within 2-year college types are based on freshman enrollment.

(3) No men's weighting factor is recorded for stratification cell #30 because the two schools included in the norms sample are both women's schools.

Table A-2

Uses of 1988 Student Information Form Items on Previous CIRP Freshman Surveys[a]

Item No.	Item	1988	'87	'86	'85	'84	'83	'82	'81	'80	'79	'78	'77	'76	'75	'74	'73	'72	'71	'70	'69	'68	'67	'66
1	Sex	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Age	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Twin status	X	X	X	X	X	X	X	X	.	.	.	X	.	.	.	.	.	.	.	.	X	X	X
4	Year graduated from high school	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.
5	Enrollment status	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.	.	.
6	Miles from home to college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	X	X	X	X	X	.	.	.
7	Scores on the SAT and/or ACT	X	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X
8	High school honors or advanced placement courses	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	High school grade average	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	High school subjects	X	X	X	X	X	X	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	Prior enrollment at this college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.
12	Transfer status	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.
13	Degree aspirations	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	Residence during fall term	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.	.	.	.
15	Rank of college choice	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.	.	.	.	.
16	Admissions data (no. of applications)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	X	X	.	.	X	X	X	.
17	Acceptance data (no. of acceptances)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	X	X	.	.	X	X	X	.
18	English native language	X	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	Sources of financial support	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	U.S. citizen	X	X	X	X	X	X	X	.	.	.	.	.	.	.	.	X	X	.	X	X	.	.	.
21	Racial/ethnic background	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	Racial composition of high school and neighborhood	X	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	Parents' marital status	X	X	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	X	.	.	.	.
23b	Siblings	X	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.	.	.	.	.	.	.	.
24	Activities in past year	X	X	X	X	X	X	X	X	.	X	X	.	.	.	.	.	X	X	X	X	X	X	X
25	Self-rating of abilities	X	X	X	X	.	X	.	.	X	.	.	.	X	.	X	.	.	X	.	.	.	.	X
26	Reasons for attending college	X	X	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.	X	.	.	.	.	.
27	Concern about finances	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	Political views	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.
29	Parental/family income	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	Parental education	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	Student's career choice & and parents' occupation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X°
32	Attitudes on political and social issues	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
33	Time diary (year prior to college)	X	X	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
34	Religious preference of students and parents	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	Born-again Christian	X	.	.	X	.	.	.	X	X	.	X	.	.	.	.	.	.	.	.	.	.	.	.
36	Reasons for attending this college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	.	X	X	X
37	Disability	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.	.	.	.	.	.	.	.	.
38	Probably undergraduate major	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	Values and life goals	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	Chances certain events will occur during college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.

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[a] The content of many of the items has varied somewhat over the past 23 years. For the exact content and wording of the item in any given year, check the appropriate Student Information Form.

"link" file containing *only* the two independent identification numbers. This last file is maintained under an elaborate system developed to ensure strict confidentiality of individual student data and to protect against misuse of the name-and-address file (Astin & Boruch, 1970).

The 1988 National Norms

Table A-3 shows the number of institutions and students on which the 1988 national norms are based; it also gives an estimate, derived through weighting procedures, of the total student population. (These counts are the product of the 1988 enrollments reported to us by the institutions and the cell weights shown in Table A-1.)

The creation of norms groups based on selectivity was accomplished as follows:

Selectivity Level	*Stratification Cells Assigned to Each Level*
low	1, 4, 7, 10, 11, 15, 16, 19, 20, 21, 24
medium	2, 5, 8, 12, 17, 22
high	3, 6, 9, 13, 18, 23
very high	14

New selectivity measures for the population (Astin & Henson, 1977) were used to restratify the CIRP population for the 1975 survey. These estimates are based on data provided in several published college guides and on data reported previously by Astin (1971). Most estimates were originally in the form of mean SAT Verbal (V) plus Mathematical (M) scores of entering freshmen. Mean ACT composite scores were converted into comparable mean SAT V+M scores (see Table 3-1 in Astin, 1971). The current dividing lines between selectivity levels are listed below:

	Universities				*Four-Year Institutions*							
	Private		Public		Public		Nonsectarian		Catholic		Protestant	
Dividing Line Between	SAT V+M	ACT	SAT V+M	ACT	SAT V+M	ACT	SAT V+M	ACT	SAT V+M	ACT	SAT V+M	ACT
low-medium	1050	24	1000	22.5	935	21	950	21.5	950	21.5	975	22
medium-high	1175	27	1100	25	1025	23	1025	23	1025	23	1050	24
high-very high	—	—	—	—	—	—	1175	27	—	—	—	—

These new selectivity measures are more recent, more accurate (i.e., most were provided directly by the institutions), and involve less missing data (i.e., fewer with "unknown" selectivity). For details see Astin and Henson (1977). Readers should note that the stratification design and cell assignments are used to group schools to develop population weights and should not be used as measure of institutional or program quality.

The items of normative data appear in the same order in the norms report and in the individual reports furnished to each participating institution. The first 45 pages of the national norms present item data separately for men, women, and all students according to the first 17 categories in Table A-3; the next two sets of 15 pages show norms for universities and four-year colleges, respectively, broken out by selectivity levels.

The different types of institutions can be compared on any given item by examining the percentages in the row following the item. For many items the data differ substantially among categories of institutions, as well as *within* any single category.

Table A-3

Number of Institutions and Students Used in Computing the Weighted National Norms in Fall 1988

Norm Group	Number of Institutions in the 1988 Norms	Number of 1988 Entering Freshmen (1)			
		Unweighted	Weighted		
		Participants	Number	% Men	% Women
All Institutions	402	222,296	1,640,212	46.27	53.73
All Universities	57	97,273	416,529	50.38	49.62
All 4-year Colleges	289	109,176	643,796	45.37	54.63
All 2-year Colleges	56	15,847	579,887	44.31	55.69
All Black Colleges (2)	16	6,048	57,079	40.31	59.69
Public Universities	27	63,149	328,619	49.74	50.26
low select	6	16,660	132,276	47.86	52.14
medium select	9	18,876	115,194	51.94	48.06
high select	12	27,613	81,149	49.71	50.29
Private Universities	30	34,124	87,910	52.74	47.26
low select	8	10,106	30,631	51.61	48.39
medium select	10	11,227	29,689	49.48	50.52
high select	12	12,791	27,591	57.51	42.49
4yr Public Colleges	42	32,506	365,767	45.37	54.63
low select (3)	19	11,844	208,212	43.44	56.56
medium select	13	12,393	110,599	46.32	53.68
high select	10	8,269	46,956	51.68	48.32
Private 4-year Colleges	247	76,670	278,029	45.37	54.63
Nonsectarian	116	39,590	138,862	47.56	52.44
low select (3)	34	10,599	67,048	48.47	51.53
medium select	19	7,082	23,330	45.13	54.87
high select	34	9,222	27,120	48.96	51.04
very high select	29	12,687	21,365	45.58	54.42
Catholic	44	13,096	51,641	42.41	57.59
low select (3)	17	3,190	16,171	36.15	63.85
medium select	14	4,001	20,651	44.61	55.39
high select	13	5,905	14,819	46.17	53.83
Protestant	87	23,984	87,526	43.65	56.35
low select (3)	38	7,962	46,762	42.42	57.58
medium select	29	8,734	22,642	45.29	54.71
high select	20	7,288	18,121	44.77	55.23
Public 2-year Colleges	35	11,294	513,472	44.95	55.05
Private 2-year Colleges	21	4,553	66,415	39.36	60.64
Public Black Colleges	4	1,781	35,942	40.09	59.91
Private Black Colleges	12	4,267	21,136	40.70	59.30
Eastern Region	158	85,578	734,348	47.33	52.67
Midwestern Region	107	60,146	390,432	47.95	52.05
Southern Region	93	43,337	311,107	42.23	57.77
Western Region	44	33,235	204,325	45.41	54.59

(1) First-time, full-time students
(2) Black Colleges are also included in the appropriate 4-year College or University Norms Group according to their types
(3) Includes those institutions with unknown selectivity

NOTE: The weighted counts may not always sum to identical totals due to rounding error.

It is impractical to report statistical indicators of precision for every categorical percentage in every norms group. However, some idea of the reliability of the reported data is important for comparisions across related item categories, and over time (i.e. with data from earlier norm reports). Appendix E presents some guidelines for judging the precision of the normative estimates and their comparisons.

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Appendix B

The 1988 Student Information Form

PLEASE PRINT (one letter or number per box)

NAME: FIRST ____ M I ____ LAST ____

ADDRESS: ____

CITY: ____ **STATE:** ____ **ZIP:** ____ **PHONE:** ____ — ____ — ____

When were you born?
Month (01–12) ____ Day (01–31) ____ Year ____

1988 STUDENT INFORMATION FORM

Dear Student:

The information in this form is being collected as part of a continuing study of higher education conducted jointly by the American Council on Education and the University of California at Los Angeles. Your voluntary participation in this research is being solicited in order to achieve a better understanding of how students are affected by their college experiences. Detailed information on the goals and design of this research program are furnished in research reports available from the Higher Education Research Institute at UCLA. Identifying information has been requested in order to make subsequent mail follow-up studies possible. Your response will be held in the strictest professional confidence.

Sincerely, Alexander W. Astin

Alexander W. Astin, Director
Higher Education Research Institute

PLEASE USE # 2 PENCIL

DIRECTIONS

Your responses will be read by an optical mark reader. Your careful observance of these few simple rules will be most appreciated.

- Use only black lead pencil (No. 2 is ideal).
- Make heavy black marks that fill the circle.
- Erase cleanly any answer you wish to change.
- Make no stray markings of any kind.

EXAMPLE:

Will marks made with ballpoint or felt-tip marker be properly read? Yes... ○ No... ●

FORM NO.: 66428

PLEASE PROVIDE YOUR SOCIAL SECURITY NO. | **Mark here if directed** OPT. CODE A | OPT. CODE B

⓪	⓪	⓪	⓪	⓪	⓪	⓪	⓪	⓪	⓪	⓪	⓪	⓪
①	①	①	①	①	①	①	①	①	①	①	①	①
②	②	②	②	②	②	②	②	②	②	②	②	②
③	③	③	③	③	③	③	③	③	③	③	③	③
④	④	④	④	④	④	④	④	④	④	④	④	④
⑤	⑤	⑤	⑤	⑤	⑤	⑤	⑤	⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥	⑥	⑥	⑥	⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦	⑦	⑦	⑦	⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧	⑧	⑧	⑧	⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨	⑨	⑨	⑨	⑨	⑨	⑨	⑨	⑨

1. Your sex: Male... ○ Female... ○

2. How old will you be on December 31 of this year? (Mark one)

16 or younger	○	21–24	○
17	○	25–29	○
18	○	30–39	○
19	○	40–54	○
20	○	55 or older	○

3. Are you a twin? (Mark one)

No ○ Yes, identical ○
Yes, fraternal ○

4. In what year did you graduate from high school? (Mark one)

1988 ○
1987 ○
1986 ○
1985 or earlier ○
Did not graduate but passed G.E.D. test ○
Never completed high school ○

5. Are you enrolled (or enrolling) as a: (Mark one)
Full-time student? ○
Part-time student? ○

6. How many miles is this college from your permanent home? (Mark one)

5 or less ○ 11–50 ○ 101–500 ○
6–10 ○ 51–100 ○ More than 500 ○

(NOTE: Please check that your pencil markings are completely darkening the circles. DO NOT USE PEN OR MAKE ✓'s OR x's. Thank you.)

7. What were your scores on the SAT and/or ACT?

SAT VERBAL ☐☐☐
MATH ☐☐☐
ACT Composite ☐☐

8. How many of the following did you take in high school?
(Mark one in each row)

	None	1	2 or more
Honors courses	⓪	①	2+
A.P. (Advanced Placement) courses	⓪	①	2+

9. What was your average grade in high school?
(Mark one)

A or A+ ○ B ○ C ○
A– ○ B– ○ D ○
B+ ○ C+ ○

10. During high school (grades 9–12) how many years did you study each of the following subjects?
(Mark one for each item)

	None	½	1	2	3	4	5 or more
English	⓪	½	①	②	③	④	⑤
Mathematics	⓪	½	①	②	③	④	⑤
Foreign Language	⓪	½	①	②	③	④	⑤
Physical Science	⓪	½	①	②	③	④	⑤
Biological Science	⓪	½	①	②	③	④	⑤
History/Am. Govt.	⓪	½	①	②	③	④	⑤
Computer Science	⓪	½	①	②	③	④	⑤
Art and/or Music	⓪	½	①	②	③	④	⑤

11. Prior to this term, have you ever taken courses for credit at this institution?

Yes ○ No ○

12. Since leaving high school, have you ever taken courses at any other institution?
(Mark all that apply in each column)

	For Credit	Not for Credit
No	○	○
Yes, at a junior or comty. college	○	○
Yes, at a four-year college or university	○	○
Yes, at some other postsecondary school (For ex., technical, vocational, business)	○	○

13. What is the highest academic degree that you intend to obtain?
(Mark one in each column)

	Highest Planned	Highest Planned at this college
None	○	○
Vocational certificate	○	○
Associate (A.A. or equivalent)	○	○
Bachelor's degree (BA, BS, etc.)	○	○
Master's degree (MA, MS, etc.)	○	○
Ph.D. or Ed.D.	○	○
M.D., D.O., D.D.S., or D.V.M.	○	○
LL.B., or J.D. (Law)	○	○
B.D. or M.DIV. (Divinity)	○	○
Other	○	○

14. Where do you plan to live during the fall term? If you had a choice, where would you prefer to live?
(Mark one in each column)

	Plan To Live	Prefer To Live
With parents or relatives	○	○
Other private home, apt. or rm.	○	○
College dormitory	○	○
Fraternity or sorority house	○	○
Other campus student housing	○	○
Other	○	○

15. Is this college your: (Mark one)

First choice? ○
Second choice? ○
Third choice? ○
Less than third choice? ○

16. To how many colleges other than this one did you apply for admission this year?

No other ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 or more ○

Note: If you applied to no other college, skip to item 18.

17. How many other acceptances did you receive this year? (Mark one)

None ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 or more ○

18. Is English your native language?

Yes ○ No ○

19. How much of your first year's educational expenses (room, board, tuition, and fees) do you expect to cover from each of the sources listed below? (Mark one answer for each possible source)

	None	$1–$499	$500–$999	$1,000–$1,499	$1,500–$1,999	$2,000–$3,000	Over $3,000
a. My Own or Family Resources							
Parents, other relatives or friends	○	○	○	○	○	○	○
Spouse	○	○	○	○	○	○	○
Savings from summer work	○	○	○	○	○	○	○
Other savings	○	○	○	○	○	○	○
Part-time on campus job	○	○	○	○	○	○	○
Other part-time job while in college	○	○	○	○	○	○	○
Full-time job while in college	○	○	○	○	○	○	○
b. Aid Which Need Not Be Repaid							
Pell Grant	○	○	○	○	○	○	
Supplemental Educational Opportunity Grant	○	○	○	○	○	○	
State Scholarship or Grant	○	○	○	○	○	○	
College Work-Study Grant	○	○	○	○	○	○	
College Grant/Scholarship (other than above)	○	○	○	○	○	○	○
Other private grant	○	○	○	○	○	○	○
Other Government Aid (ROTC, BIA, GI/military benefits, etc.)	○	○	○	○	○	○	○
c. Aid Which Must Be Repaid							
Federal Guaranteed Student Loan	○	○	○	○	○	○	
National Direct Student Loan	○	○	○	○	○	○	
Other College Loan	○	○	○	○	○	○	○
Other Loan	○	○	○	○	○	○	○
d. Other Than Above	○	○	○	○	○	○	○

20. Are you a U.S. citizen? Yes ○ No ○

Permanent Resident (Green Card) ○

21. Are you: (Mark all that apply)

- White/Caucasian ○
- Black/Negro/Afro-American ○
- American Indian ○
- Asian-American/Oriental ○
- Mexican-American/Chicano ○
- Puerto Rican-American ○
- Other ○

22. How would you describe the racial composition of the high school you last attended and the neighborhood where you grew up?

	Completely non-White	Mostly non-White	Roughly half non-White	Mostly White	Completely White
High school I last attended	○	○	○	○	○
Neighborhood where I grew up	○	○	○	○	○

23a. Are your parents: (Mark one)

- Both alive and living with each other? ○
- Both alive, divorced or separated? ○
- One or both deceased? ○

23b. How many brothers and sisters now living do you have?

	None	1	2	3 or more
Number of older brothers	○	○	○	○
Number of older sisters	○	○	○	○
Number of younger brothers	○	○	○	○
Number of younger sisters	○	○	○	○

24. For the activities below, indicate which ones you did during the past year. If you engaged in an activity frequently, mark Ⓕ. If you engaged in an activity one or more times, but not frequently, mark Ⓞ (occasionally). Mark Ⓝ (Not at all) if you have not performed the activity during the past year.

(Mark one for each item)	Frequently	Occasionally	Not at all
Used a personal computer	Ⓕ	Ⓞ	Ⓝ
Attended a religious service	Ⓕ	Ⓞ	Ⓝ
Was bored in class	Ⓕ	Ⓞ	Ⓝ
Participated in organized demonstrations	Ⓕ	Ⓞ	Ⓝ
Won a varsity letter for sports	Ⓕ	Ⓞ	Ⓝ
Failed to complete a homework assignment on time	Ⓕ	Ⓞ	Ⓝ
Tutored another student	Ⓕ	Ⓞ	Ⓝ
Discussed religion	Ⓕ	Ⓞ	Ⓝ
Did extra (unassigned) work/reading for a course	Ⓕ	Ⓞ	Ⓝ
Copied homework from another student	Ⓕ	Ⓞ	Ⓝ
Studied with other students	Ⓕ	Ⓞ	Ⓝ
Was a guest in a teacher's home	Ⓕ	Ⓞ	Ⓝ
Smoked cigarettes	Ⓕ	Ⓞ	Ⓝ
Discussed sex	Ⓕ	Ⓞ	Ⓝ
Cheated on a test in school	Ⓕ	Ⓞ	Ⓝ
Drank beer	Ⓕ	Ⓞ	Ⓝ
Drank wine or liquor	Ⓕ	Ⓞ	Ⓝ
Discussed politics	Ⓕ	Ⓞ	Ⓝ
Stayed up all night	Ⓕ	Ⓞ	Ⓝ
Spoke a language other than English at home	Ⓕ	Ⓞ	Ⓝ
Felt overwhelmed by all I had to do	Ⓕ	Ⓞ	Ⓝ
Felt depressed	Ⓕ	Ⓞ	Ⓝ
Discussed sports	Ⓕ	Ⓞ	Ⓝ
Worked in a local, state, or national political campaign	Ⓕ	Ⓞ	Ⓝ

25. Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

(Mark one in each row)	Highest 10%	Above Average	Average	Below Average	Lowest 10%
Academic ability	○	○	○	○	○
Artistic ability	○	○	○	○	○
Competitiveness	○	○	○	○	○
Drive to achieve	○	○	○	○	○
Emotional health	○	○	○	○	○
Ability to learn a foreign language	○	○	○	○	○
Leadership ability	○	○	○	○	○
Mathematical ability	○	○	○	○	○
Physical health	○	○	○	○	○
Popularity	○	○	○	○	○
Popularity with the opposite sex	○	○	○	○	○
Public speaking ability	○	○	○	○	○
Self-confidence (intellectual)	○	○	○	○	○
Self-confidence (social)	○	○	○	○	○
Writing ability	○	○	○	○	○

26. In deciding to go to college, how important to you was each of the following reasons?

(Mark one answer for each possible reason)	Very important	Somewhat important	Not important
To be able to get a better job	Ⓥ	Ⓢ	Ⓝ
To gain a general education and appreciation of ideas	Ⓥ	Ⓢ	Ⓝ
To improve my reading and study skills	Ⓥ	Ⓢ	Ⓝ
There was nothing better to do	Ⓥ	Ⓢ	Ⓝ
To make me a more cultured person	Ⓥ	Ⓢ	Ⓝ
To be able to make more money	Ⓥ	Ⓢ	Ⓝ
To learn more about things that interest me	Ⓥ	Ⓢ	Ⓝ
To prepare myself for graduate or professional school	Ⓥ	Ⓢ	Ⓝ
My parents wanted me to go	Ⓥ	Ⓢ	Ⓝ
I could not find a job	Ⓥ	Ⓢ	Ⓝ
Wanted to get away from home	Ⓥ	Ⓢ	Ⓝ

27. Do you have any concern about your ability to finance your college education? (Mark one)

- None (I am confident that I will have sufficient funds) ○
- Some concern (but I will probably have enough funds) ○
- Major concern (not sure I will have enough funds to complete college) ○

28. How would you characterize your political views? (Mark one)

- Far left ○
- Liberal ○
- Middle-of-the-road ○
- Conservative ○
- Far right ○

29. What is your best estimate of your parents' total income last year? Consider income from all sources before taxes. (Mark one)

○ Less than $6,000
○ $6,000–9,999
○ $10,000–14,999
○ $15,000–19,999
○ $20,000–24,999
○ $25,000–29,999
○ $30,000–34,999
○ $35,000–39,999
○ $40,000–49,999
○ $50,000–59,999
○ $60,000–74,999
○ $75,000–99,999
○ $100,000–149,999
○ $150,000 or more

30. What is the highest level of formal education obtained by your parents?

(Mark one in each column)	Father	Mother
Grammar school or less	○	○
Some high school	○	○
High school graduate	○	○
Postsecondary school other than college	○	○
Some college	○	○
College degree	○	○
Some graduate school	○	○
Graduate degree	○	○

31. Mark only three responses, one in each column.

Ⓜ Your mother's occupation

Ⓕ Your father's occupation

Ⓥ Your probable career occupation

NOTE: If your father or mother is deceased, please indicate his or her last occupation.

Accountant or actuary	Ⓥ	Ⓕ	Ⓜ
Actor or entertainer	Ⓥ	Ⓕ	Ⓜ
Architect or urban planner	Ⓥ	Ⓕ	Ⓜ
Artist	Ⓥ	Ⓕ	Ⓜ
Business (clerical)	Ⓥ	Ⓕ	Ⓜ
Business executive (management, administrator)	Ⓥ	Ⓕ	Ⓜ
Business owner or proprietor	Ⓥ	Ⓕ	Ⓜ
Business salesperson or buyer	Ⓥ	Ⓕ	Ⓜ
Clergy (minister, priest)	Ⓥ	Ⓕ	Ⓜ
Clergy (other religious)	Ⓥ	Ⓕ	Ⓜ
Clinical psychologist	Ⓥ	Ⓕ	Ⓜ
College teacher	Ⓥ	Ⓕ	Ⓜ
Computer programmer or analyst	Ⓥ	Ⓕ	Ⓜ
Conservationist or forester	Ⓥ	Ⓕ	Ⓜ
Dentist (including orthodontist)	Ⓥ	Ⓕ	Ⓜ
Dietician or home economist	Ⓥ	Ⓕ	Ⓜ
Engineer	Ⓥ	Ⓕ	Ⓜ
Farmer or rancher	Ⓥ	Ⓕ	Ⓜ
Foreign service worker (including diplomat)	Ⓥ	Ⓕ	Ⓜ
Homemaker (full-time)	Ⓥ	Ⓕ	Ⓜ
Interior decorator (including designer)	Ⓥ	Ⓕ	Ⓜ
Interpreter (translator)	Ⓥ	Ⓕ	Ⓜ
Lab technician or hygienist	Ⓥ	Ⓕ	Ⓜ
Law enforcement officer	Ⓥ	Ⓕ	Ⓜ
Lawyer (attorney) or judge	Ⓥ	Ⓕ	Ⓜ
Military service (career)	Ⓥ	Ⓕ	Ⓜ
Musician (performer, composer)	Ⓥ	Ⓕ	Ⓜ
Nurse	Ⓥ	Ⓕ	Ⓜ
Optometrist	Ⓥ	Ⓕ	Ⓜ
Pharmacist	Ⓥ	Ⓕ	Ⓜ
Physician	Ⓥ	Ⓕ	Ⓜ
School counselor	Ⓥ	Ⓕ	Ⓜ
School principal or superintendent	Ⓥ	Ⓕ	Ⓜ
Scientific researcher	Ⓥ	Ⓕ	Ⓜ
Social, welfare or recreation worker	Ⓥ	Ⓕ	Ⓜ
Statistician	Ⓥ	Ⓕ	Ⓜ
Therapist (physical, occupational, speech)	Ⓥ	Ⓕ	Ⓜ
Teacher or administrator (elementary)	Ⓥ	Ⓕ	Ⓜ
Teacher or administrator (secondary)	Ⓥ	Ⓕ	Ⓜ
Veterinarian	Ⓥ	Ⓕ	Ⓜ
Writer or journalist	Ⓥ	Ⓕ	Ⓜ
Skilled trades	Ⓥ	Ⓕ	Ⓜ
Other	Ⓥ		
Undecided	Ⓥ		
Laborer (unskilled)		Ⓕ	Ⓜ
Semi-skilled worker		Ⓕ	Ⓜ
Other occupation		Ⓕ	Ⓜ
Unemployed		Ⓕ	Ⓜ

32. Mark one in each row:

① Disagree Strongly

② Disagree Somewhat

③ Agree Somewhat

④ Agree Strongly

The Federal government is not doing enough to protect the consumer from faulty goods and services	④	③	②	①
The Federal government is not doing enough to promote disarmament	④	③	②	①
The Federal government is not doing enough to control environmental pollution	④	③	②	①
The Federal government should raise taxes to help reduce the deficit	④	③	②	①
There is too much concern in the courts for the right of criminals	④	③	②	①
Federal military spending should be increased	④	③	②	①
Nuclear disarmament is attainable	④	③	②	①
Abortion should be legalized	④	③	②	①
The death penalty should be abolished	④	③	②	①
If two people really like each other, it's all right for them to have sex even if they've known each other for only a very short time	④	③	②	①
The activities of married women are best confined to the home and family	④	③	②	①
A couple should live together for some time before deciding to get married	④	③	②	①
Students might appreciate the value of college more if they had to pay a greater share of the costs	④	③	②	①
Marijuana should be legalized	④	③	②	①
Busing is O.K. if it helps to achieve racial balance in the schools	④	③	②	①
It is important to have laws prohibiting homosexual relationships	④	③	②	①
Colleges should not invest funds in companies that do business with South Africa	④	③	②	①
The chief benefit of a college education is that it increases one's earning power	④	③	②	①
Employers should be allowed to require drug testing of employees or job applicants	④	③	②	①
The best way to control AIDS is through widespread, mandatory testing	④	③	②	①
Just because a man thinks that a woman has "led him on" does not entitle him to have sex with her	④	③	②	①
Only volunteers should serve in the armed forces	④	③	②	①

33. During your last year in high school, how much time did you spend during a typical week doing the following activities?

Hours per week:	None	Less than 1 hour	1–2	3–5	6–10	11–15	16–20	Over 20
Studying/homework	○	○	○	○	○	○	○	○
Socializing with friends	○	○	○	○	○	○	○	○
Talking with teachers outside of class	○	○	○	○	○	○	○	○
Exercising/sports	○	○	○	○	○	○	○	○
Partying	○	○	○	○	○	○	○	○
Working (for pay)	○	○	○	○	○	○	○	○
Volunteer work	○	○	○	○	○	○	○	○
Student clubs/groups	○	○	○	○	○	○	○	○
Watching TV	○	○	○	○	○	○	○	○
Hobbies	○	○	○	○	○	○	○	○

34. Current religious preference: (Mark one in each column)

	Yours	Father's	Mother's
Baptist	Ⓥ	Ⓕ	Ⓜ
Buddhist	Ⓥ	Ⓕ	Ⓜ
Congregational	Ⓥ	Ⓕ	Ⓜ
Eastern Orthodox	Ⓥ	Ⓕ	Ⓜ
Episcopal	Ⓥ	Ⓕ	Ⓜ
Islamic	Ⓥ	Ⓕ	Ⓜ
Jewish	Ⓥ	Ⓕ	Ⓜ
LDS (Mormon)	Ⓥ	Ⓕ	Ⓜ
Lutheran	Ⓥ	Ⓕ	Ⓜ
Methodist	Ⓥ	Ⓕ	Ⓜ
Presbyterian	Ⓥ	Ⓕ	Ⓜ
Quaker	Ⓥ	Ⓕ	Ⓜ
Roman Catholic	Ⓥ	Ⓕ	Ⓜ
Seventh Day Adventist	Ⓥ	Ⓕ	Ⓜ
Other Protestant	Ⓥ	Ⓕ	Ⓜ
Other Religion	Ⓥ	Ⓕ	Ⓜ
None	Ⓥ	Ⓕ	Ⓜ

35. Do you consider yourself a born-again Christian?

Yes ○ No ○

36. Below are some reasons that might have influenced your decision to attend this particular college. How important was each reason in your decision to come here? (Mark one answer for each possible reason)

	Very important	Somewhat important	Not important
My relatives wanted me to come here.	Ⓥ	Ⓢ	Ⓝ
My teacher advised me	Ⓥ	Ⓢ	Ⓝ
This college has a very good academic reputation	Ⓥ	Ⓢ	Ⓝ
This college has a good reputation for its social activities	Ⓥ	Ⓢ	Ⓝ
I was offered financial assistance	Ⓥ	Ⓢ	Ⓝ
This college offers special educational programs	Ⓥ	Ⓢ	Ⓝ
This college has low tuition	Ⓥ	Ⓢ	Ⓝ
My guidance counselor advised me	Ⓥ	Ⓢ	Ⓝ
I wanted to live near home	Ⓥ	Ⓢ	Ⓝ
A friend suggested attending	Ⓥ	Ⓢ	Ⓝ
A college rep. recruited me	Ⓥ	Ⓢ	Ⓝ
The athletic dept. recruited me	Ⓥ	Ⓢ	Ⓝ
This college's graduates get good jobs.	Ⓥ	Ⓢ	Ⓝ
Not offered financial aid by first choice college	Ⓥ	Ⓢ	Ⓝ

37. Do you have a disability? (Mark all that apply)

None ○

Hearing ○

Speech ○

Orthopedic ○

Learning disability ○

Health-related ○

Partially sighted or blind ○

Other ○

38. Below is a list of different undergraduate major fields grouped into general categories. Mark only one circle to indicate your probable field of study.

ARTS AND HUMANITIES
Art, fine and applied ○
English (language and literature) ○
History ○
Journalism ○
Language and Literature (except English) ○
Music ○
Philosophy ○
Speech ○
Theater or Drama ○
Theology or Religion ○
Other Arts and Humanities ○

BIOLOGICAL SCIENCE
Biology (general) ○
Biochemistry or Biophysics ○
Botany ○
Marine (Life) Science ○
Microbiology or Bacteriology ○
Zoology ○
Other Biological Science ○

BUSINESS
Accounting ○
Business Admin. (general) ○
Finance ○
Marketing ○
Management ○
Secretarial Studies ○
Other Business ○

EDUCATION
Business Education ○
Elementary Education ○
Music or Art Education ○
Physical Education or Recreation ○
Secondary Education ○
Special Education ○
Other Education ○

ENGINEERING
Aeronautical or Astronautical Eng. ○
Civil Engineering ○
Chemical Engineering ○
Electrical or Electronic Engineering ○
Industrial Engineering ○
Mechanical Engineering ○
Other Engineering ○

PHYSICAL SCIENCE
Astronomy ○
Atmospheric Science (incl. Meteorology) ○
Chemistry ○
Earth Science ○
Marine Science (incl. Oceanography) ○
Mathematics ○
Physics ○
Statistics ○
Other Physical Science ○

PROFESSIONAL
Architecture or Urban Planning ○
Home Economics ○
Health Technology (medical, dental, laboratory) ○
Library or Archival Science ○
Nursing ○
Pharmacy ○
Predental, Premedicine, Preveterinary ○
Therapy (occupational, physical, speech) ○
Other Professional ○

SOCIAL SCIENCE
Anthropology ○
Economics ○
Ethnic Studies ○
Geography ○
Political Science (gov't., international relations) ○
Psychology ○
Social Work ○
Sociology ○
Women's Studies ○
Other Social Science ○

TECHNICAL
Building Trades ○
Data Processing or Computer Programming ○
Drafting or Design ○
Electronics ○
Mechanics ○
Other Technical ○

OTHER FIELDS
Agriculture ○
Communications (radio, TV, etc.) ○
Computer Science ○
Forestry ○
Law Enforcement ○
Military Science ○
Other Field ○
Undecided ○

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39. Indicate the importance to you personally of each of the following: (Mark one for each item)

Ⓝ **Not Important**
Ⓢ **Somewhat Important**
Ⓥ **Very Important**
Ⓔ **Essential**

Becoming accomplished in one of the performing arts (acting, dancing, etc.) Ⓔ Ⓥ Ⓢ Ⓝ
Becoming an authority in my field Ⓔ Ⓥ Ⓢ Ⓝ
Obtaining recognition from my colleagues for contributions to my special field Ⓔ Ⓥ Ⓢ Ⓝ
Influencing the political structure Ⓔ Ⓥ Ⓢ Ⓝ
Influencing social values Ⓔ Ⓥ Ⓢ Ⓝ
Raising a family Ⓔ Ⓥ Ⓢ Ⓝ
Becoming an expert on finance and commerce Ⓔ Ⓥ Ⓢ Ⓝ
Having administrative responsibility for the work of others Ⓔ Ⓥ Ⓢ Ⓝ
Being very well off financially Ⓔ Ⓥ Ⓢ Ⓝ
Helping others who are in difficulty Ⓔ Ⓥ Ⓢ Ⓝ
Participating in an organization like the Peace Corps or Vista Ⓔ Ⓥ Ⓢ Ⓝ
Making a theoretical contribution to science Ⓔ Ⓥ Ⓢ Ⓝ
Writing original works (poems, novels, short stories, etc.) Ⓔ Ⓥ Ⓢ Ⓝ
Creating artistic work (painting, sculpture, decorating, etc.) Ⓔ Ⓥ Ⓢ Ⓝ
Keeping up to date with political affairs Ⓔ Ⓥ Ⓢ Ⓝ
Being successful in a business of my own Ⓔ Ⓥ Ⓢ Ⓝ
Developing a meaningful philosophy of life Ⓔ Ⓥ Ⓢ Ⓝ
Participating in a community action program Ⓔ Ⓥ Ⓢ Ⓝ
Helping to promote racial understanding Ⓔ Ⓥ Ⓢ Ⓝ
Getting married Ⓔ Ⓥ Ⓢ Ⓝ

40. What is your best guess as to the chances that you will: (Mark one for each item)

Ⓝ **No Chance**
Ⓛ **Very Little Chance**
Ⓢ **Some Chance**
Ⓥ **Very Good Chance**

Change major field? Ⓥ Ⓢ Ⓛ Ⓝ
Change career choice? Ⓥ Ⓢ Ⓛ Ⓝ
Fail one or more courses? Ⓥ Ⓢ Ⓛ Ⓝ
Graduate with honors? Ⓥ Ⓢ Ⓛ Ⓝ
Be elected to a student office? Ⓥ Ⓢ Ⓛ Ⓝ
Get a job to help pay for college expenses? Ⓥ Ⓢ Ⓛ Ⓝ
Work full time while attending college? Ⓥ Ⓢ Ⓛ Ⓝ
Join a social fraternity, sorority, or club? Ⓥ Ⓢ Ⓛ Ⓝ
Play varsity/intercollegiate athletics? Ⓥ Ⓢ Ⓛ Ⓝ
Be elected to an academic honor society? Ⓥ Ⓢ Ⓛ Ⓝ
Make at least a "B" average? Ⓥ Ⓢ Ⓛ Ⓝ
Need extra time to complete your degree requirements? Ⓥ Ⓢ Ⓛ Ⓝ
Get tutoring help in specific courses? Ⓥ Ⓢ Ⓛ Ⓝ
Have to work at an outside job during college? Ⓥ Ⓢ Ⓛ Ⓝ
Seek vocational counseling? Ⓥ Ⓢ Ⓛ Ⓝ
Seek individual counseling on personal problems? Ⓥ Ⓢ Ⓛ Ⓝ
Get a bachelor's degree (B.A., B.S., etc.)? Ⓥ Ⓢ Ⓛ Ⓝ
Participate in student protests or demonstrations? Ⓥ Ⓢ Ⓛ Ⓝ
Drop out of this college temporarily (exclude transferring)? Ⓥ Ⓢ Ⓛ Ⓝ
Drop out permanently (exclude transferring)? Ⓥ Ⓢ Ⓛ Ⓝ
Transfer to another college before graduating? Ⓥ Ⓢ Ⓛ Ⓝ
Be satisfied with your college? Ⓥ Ⓢ Ⓛ Ⓝ
Find a job after college in the field for which you were trained? Ⓥ Ⓢ Ⓛ Ⓝ
Get married while in college? (skip if married) Ⓥ Ⓢ Ⓛ Ⓝ
Get married within a year after college? (skip if married) Ⓥ Ⓢ Ⓛ Ⓝ

The Higher Education Research Institute at UCLA actively encourages the colleges that participate in this survey to conduct local studies of their students. If these studies involve collecting follow-up data, it is necessary for the institution to know the students' ID numbers so that follow-up data can be linked with the data from this survey. If your college asks for a tape copy of the data and signs an agreement to use it only for research purposes, do we have your permission to include your ID number in such a tape?

Yes ○ No ○

The remaining circles are provided for items specifically designed by your college, rather than by the Higher Education Research Institute. If your college has chosen to use the circles, observe carefully the supplemental directions given you.

THANK YOU!

41. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
42. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
43. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
44. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
45. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
46. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
47. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
48. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
49. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
50. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

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Appendix C

Coding Scheme for Collapsed Items

1. Father's Occupation
2. Mother's Occupation

Father's Occupation

Collapsed Category	Item Response Alternatives
Artist	Actor or entertainer; Artist; Interior decorator (or designer); Musician (composer; performer); Writer or journalist.
Business	Accountant or actuary; Business executive; Business owner or proprieter; Salesman or buyer.
Clergy or Religious Worker	Clergyman (minister; priest); Clergy (other religious).
College Teacher	College teacher.
Doctor	Dentist (including orthodontist); Physician.
Educator (secondary)	School counselor; School principal or superintendent; Teacher or administrator (secondary).
Elementary Teacher	Teacher or administrator (elementary).
Engineer	Engineer.
Farmer/Forester	Conservationist or forester; Farmer or rancher.
Health Professional	Dietitian or home economist; Lab technician or hygienist; Optometrist; Pharmacist; Therapist (physical, occupational, or speech); Veterinarian.
Lawyer	Lawyer (attorney) or judge.
Military Career	Military service (career).
Research Scientist	Scientific researcher.
Skilled Worker	Skilled trades.
Semiskilled Worker	Semiskilled worker.
Laborer	Laborer (unskilled).
Unemployed	Unemployed.
Other	Architect or urban planner; Business (clerical); Clinical psychologist; Computer programmer or analyst; Foreign service worker (including diplomat); Homemaker (full-time); Interpretor (translator); Law enforcement officer; Nurse; Social, welfare, or recreation worker; Statistician; Other occupation not listed above.

Mother's Occupation

Collapsed Category	Item Response Alternatives
Artist	Actor or entertainer; Artist; Interior decorator (or designer); Musician (composer; performer); Writer or journalist.
Business	Accountant or actuary; Business executive; Business owner or or proprieter; Salesman or buyer.
Clergy or Religious Worker	Clergyman (minister; priest); Clergy (other religious).
College Teacher	College teacher.
Doctor	Dentist (including orthodontist); Physician.
Educator (secondary)	School counselor; School principal or superintendent; Teacher or administrator (secondary).
Elementary Teacher	Teacher or administrator (elementary).
Engineer	Engineer.
Farmer/Forester	Conservationist or forester; Farmer or rancher.
Health Professional	Dietitian or home economist; Lab technician or hygienist; Optometrist; Pharmacist; Therapist (physical, occupational, or speech); Veterinarian.
Homemaker (full-time)	Homemaker (full-time).
Lawyer	Lawyer (attorney) or judge.
Nurse	Nurse.
Military Career	Military service (career).
Research Scientist	Scientific researcher.
Social, Welfare, or Recreation Worker	Social, welfare, or recreation worker.
Skilled Worker	Skilled trades.
Semiskilled Worker	Semiskilled worker.
Laborer	Laborer (unskilled).
Unemployed	Unemployed.
Other	Architect or urban planner; Clinical psychologist; Computer programmer or analyst; Foreign service worker (including diplomat); Intrepretor (translator); Law enforcement officer; Statistician; Other occupation not listed above.

Appendix D

Institutions Participating in the ACE•UCLA Freshman Survey

Institutions Participating in the CIRP Freshman Survey Program, 1966-1988[a]

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Abilene Christian University	11	14	@	@	@	@				x	x	@	@	@	@			@			@	@	@		
Adelphi University	04	18	x				x	x		x	x	x	x	x	x	x	x	x	x	@	@	x	@		x
Adrian College	21	23	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	x	@	@	@	@	@
Agnes Scott College	23	8	@	@	@	@	@						@	@	@										
Alabama A&M University	34	14									x	x	x	@	@	@		@	@	x	@	x	@	@	@
Alabama State University	34	14					x	x	x	@	@	@	x	x		x	@	@	@	@	@				
Alaska Pacific University	11	2								x	x														
Albany Business College	31	2												@	@										
Albertus Magnus College	17	14	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Albion College	23	11	@	@	@	@	x	@	x	x	x	x	x												
Albright College	23	1								x															
Alcorn State University	34	1																x							
Alderson-Broaddus College	21	3											x	x	@										
Alexander City State Junior College	27	2												@				@							
Alfred University	13	9											x	@					x	x	@	@	@	@	@
Alice Lloyd College	31	10									@	@	@	@	@	@	@	@	@	@					
Allegheny College	13	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Allentown College of St Francis de Sales	17	16	x	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@							
Alliance College	11	2										@	@												
Alma College	21	13	@	@	@	@	@	@	@	@	@	@	@	@	@										
Alvin Community College	27	1														x									
American College of Applied Arts	11	2	x	x																					
American International College	11	1	x																						
American University	05	23	@	@	@	@	@	@	@	@	@	@	@	@	x	@	x	x	x	x	x	@	@	@	@
Amherst College	14	23	x	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Anderson College	32	13	@	@	@	@		@		@		@		@		@		@	@	@	@				
Anderson University	21	1															@								
Andrew College	31	3	@	@	x																				
Andrews University	21	13						x	x	@	@	@	@	@	x	x	@	@	x	x					
Antioch College-Washington/Baltimore	13	2																	x	x					
Antioch University	13	7	x	@	x	@	@	@										x							
Appalachian State University	07	8										@	@	@		@	@	@	@	@					
Aquinas College	17	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Aquinas Junior College	30	7											@	x	x	@	@	@	@						
Arizona State University	01	3																					x	@	@
Arkansas College	21	13	@	@	@	@	@	@	@	@	@	x	x	@		@									
Assumption College	18	1															@								
Athens College	20	6																		@	x	@	@	x	x
Atlanta College of Art	11	4	@	x	@	x																			
Atlantic Christian College	20	1							@																
Atlantic Community College	28	2																	@	x					
Atlantic Union College	20	3	x		x	x																			

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[a] Participation in the ACE-UCLA Cooperative Institutional Research Program (CIRP) for a given year is indicated by an "@" or an "X." Institutions providing data judged to be representative of their first-time, full-time freshman class and included in the national norms report are indicated by an "@." Campuses that participated in the survey but whose data were not included in the norms report are noted by an "X." Participation for 1988 is shown for those institutions that had submitted their data in time to be included in this publication.

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Augsburg College	23	23	x	@	@	@	@	@	@	@	x	x	@	@	@	x	x	x	x	x	@	@	@	@	@
Augustana College (IL)	23	19	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@				
Augustana College (SD)	22	20	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			
Austin College	23	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Austin Peay State University	07	18		x	x	@	x	@	x	@	@	x	@	@	@	@	@	x	x	@	@				
Averett College	21	16	@							@	@	x	x	@	@	@	@	x		x	@	x	@	@	@
Azusa Pacific University	11	10					x	x	x	x	x	x	@	@	x		x								
Babson College	13	6	@	@	@	@									x	x									
Bacone College	31	1										@													
Baker University	21	10	x	x	x		@		@	x	@	@	@				@								
Bakersfield College	28	2		x	x																				
Baldwin-Wallace College	22	1	@																						
Ball State University	01	2																			x	x			
Baptist Bible College of Pennsylvania	24	8														@	@	@	@	@	@	@	@		
Baptist College-Charleston	21	3											x			x					x				
Baptist Medical System School of Nursing	11	1	x																						
Barat College	18	6							x		@	x	x	x	@										
Bard College	13	18	@	@	@	@	@	@	@	x	x		@	@	x	x	@	x	@	@	@				
Barnard College	14	10			x	x	@	@	@	@	x	x	@	@											
Barrington College	12	3											@		@		@								
Barry University	16	3	x	@													@								
Barton County Community College	27	2						@	@																
Bates College	14	23	x	x	x	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@
Bay Path Junior College	32	11					@	@									@	@	@	@	@	@	@	@	@
Baylor University	04	23	@	@	x	@	@	@	@	x	x	x	@	@	@	@	@	@	@	x	@	@	@	@	@
Beaver College	22	10	@	@									@	@	@	@	@	@	x	@					
Bee County College	28	6																@	@	@	x	x	@		
Belhaven College	22	1												x											
Bellarmine College	17	4				x									x	x	x								
Bellarmine-Ursuline College	16	8																x	x	x	x	@	@	@	@
Bellevue College	11	1										x													
Belmont Abbey College	16	1														@									
Beloit College	13	21	@	@	@	@	@	@	@	@	@	@	@	@			@	@	@	@	x	@	@	@	@
Benedict College	35	11	x		x	@	@	@	@	x	@	x	@	@											
Benedictine College	16	17	@	@	@	@	@	@	@	@	@	x	@	x	@	@	@	@	@						
Bennett College (NC)	35	6	@	@					x	@	@	x													
Bennett College (NY)	31	3															@	@	@						
Bennington College	14	11					x									@	x	@	@	@	@	@	@	@	@
Bentley College	12	2													@		@								
Berea College	11	21			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Bergen Community College	29	9												x	@	@	@	@	x	x	@	x			
Berkshire Community College	27	4	@		@				@	@															
Berry College	12	12	@	@	@	@	@	x	@	@	@	x		@					@						
Bethany College (KS)	21	5				@	@							@	@	x									
Bethany College (WV)	13	7	@		@	@	@	@	@	@															
Bethany Lutheran College	31	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Birmingham-Southern College	22	15	@	x	x	x	x	x	@	x	x	x	x	@	@	@	x								
Bishop College	35	5			x								x			x	x		@						
Black Hawk College	29	10													@	x	@	x		x	x	@	x	x	@

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Black Hills State College	07	3	x	x	x																				
Blackburn College	13	9					x		x		@	x	@	x	@	@	x								
Bloomfield College	20	16		@	@	x	@	@	x	x	x	x	@	@	x	@	x	x	x						
Bloomsburg University of Pennsylvania	08	11	@	@	@	@	x	@	@	@	@	@	@												
Bluefield State College	34	1																x							
Bluffton College	21	3															@		@	@					
Boise State University	07	1																							x
Boston College	05	6	x		x		x																@	@	@
Boston University	05	13	x		x		x		@		x	@	x	@	@	x	x	@	x						
Bowdoin College	14	23	x	x	x	x	@	@	@	x	x	@	@	x	@	@	@	@	@	@	@	@	@	@	@
Bowie State University	34	16	x	x		x				@	x	x	@	@	x	x	@	@	@	@			@		@
Bowling Green State University	01	7										@	@	@	@	@	@	@							
Bradford College	11	7	@	@						@						@	@	@		@					
Bradley University	04	23	x	x	x	@	x	x	x	x	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@
Brandeis University	06	22	x	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@
Brenau College	11	8	@	@			x	@					x	x		x	@								
Brevard College	32	19	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Brewton-Parker College	32	5										@	@	@	@	x									
Briarcliff College	12	9													x		@		x	x	x	@	@	@	@
Bridgewater College	21	1	@																						
Brigham Young University	04	4			@	x					x									x					
Bronx Community College	28	6	@	@	x	x																	@	@	
Brown University	06	5	@				@						@	x	@										
Bryan College	15	2														@			@						
Bryant College	.12	5													x	x	x	@			x				
Bryn Mawr College	14	14	@	@	@	@	@	@	@	@	@		@	@	x	@	x								
Bucknell University	14	5	x	x			x			x	x														
Buena Vista College	21	22	@		@	x	x	@	@	@	@	x	x	@	@	@	@	@	@	@	@	@	@	@	@
Bunker Hill Community College	29	1													@										
Butler University	05	4								@	@	@	@												
Cabrini College	16	1				x																			
Cal Institute of the Arts	15	1														x									
Caldwell College	16	4	@	@	@	x																			
Caldwell Community College	27	3						x					x				x								
Calif College of Arts and Crafts	11	6	x	@	x	x									x		x								
Calif Institute of Technology	06	21			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Calif State U-Bakersfield	07	4	x									x			@	@									
Calif State U-Chico	07	4									x			x	@	@									
Calif State U-Dominguez Hills	07	6		@	x						x	x	x	x											
Calif State U-Fresno	08	5									x											x	x	x	@
Calif State U-Fullerton	08	18						x	x	x	x	x	@	@	@	x	x	@	@	x	@	@	@	@	@
Calif State U-Long Beach	08	3			@	x	x																		
Calif State U-Los Angeles	08	1	x																						
Calif State U-Northridge	08	1															x								
Calif State U-Stanislaus	08	14	x		x	x	x	x							x	x	@	x	x		x	@		@	@
California Lutheran University	21	9	@	@		@		@		x		x		x			x		@						
California University of Pennsylvania	08	3																			@		@	x	
Calvin College	22	21	@	@	@	@	@	@	@	@	@		@	@	@	@	@	@	@	x	@	@	@	@	
Canisius College	17	11	@	@	@	@	x	@	x	@	x	@	@												

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Capital University	22	2						@						x											
Cardinal Stritch College	16	20	@		x		@	x	x	x		@	@	@	@	@	@	x	@	x	x	@	@	@	@
Carl Albert Junior College	25	2								@		@													
Carleton College	14	21	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Carlow College	18	12	@	@	@	@	@	@	@	@	@	@	@	@											
Carnegie-Mellon University	06	12	@	@	@	@	x						@	@	x	@					x	x	@		
Carroll College (MT)	18	9		x			x						@	x	x	@	@	x		@					
Carroll College (WI)	23	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Carson-Newman College	21	19	x	@	@	@	x	@	x	x	x	x	x	@	@	@	@	x	x	@	@				
Carthage College	22	1										@													
Cascade College	11	1																					@		
Case Western Reserve University	05	6			@	@	x																@	x	x
Castleton State College	07	3	x	@	x																				
Catawba College	21	7	@	@	@	@	x	@	@																
Catholic University of America	05	12	@	@	@	@	x		@	@	@	@	@						@	x					
Cazenovia College	32	12							@	@	@	@	@	@	@	@	@			@	@		@		
Cedar Crest College	22	16	@	@	@	@	@	@	@	x	x	@	@	@	@	@	@	@							
Centenary College (LA)	23	3	x	@	x																				
Centenary College (NJ)	21	3			x														@	@					
Central Connecticut State College	08	2	x	x																					
Central Methodist College	21	4													@	@	@			@					
Central State University	34	3											x						x	x					
Central Technical Community College	27	12										x	x	x	x	@	x	@	@	@	@	@	@		
Central Virginia Community College	27	1													x										
Centre College of Kentucky	13	18	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@					
Cerritos College	29	9													x	x	x		@	x	x	x	@	@	
Chaminade University of Honolulu	16	5										x			x	x	x	@							
Champlain College	32	8		@									@	@	@	@	@	@				@			
Chapman College	11	22	x	x	x	x	x	@	x	x		@	@	x	x	x	@	x	@	x	x	x	@	@	@
Chatham College	13	23	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Chestnut Hill College	18	1																		@					
Cheyney University of Pennsylvania	34	2	@	x																					
Chicago State University	34	17	x	x		x	x	x				x	x	x	x	@	x	@	@	x	x	@	@		
Chowan College	32	20	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			
Citrus College	29	6																	x	x		x	x	x	@
City College of San Francisco	29	9												x	@			x	x	x	x	@	@	x	
Claremont McKenna College	14	21	@	@	x	@	x	@	x	@	x	@	@	@	x	@	@	@	@	@	@	@	@		
Clarendon College	26	3																			x	x	@		
Clarion University of Pennsylvania	09	7											@		@						x	@	x	x	x
Clark College	35	16	@	@	@		@	@	@	@	@	@	x	@	@	@	@	@	@						
Clark Technical College	27	13									@	x	@	@	@	@	@	@	@	@	x	x	@		
Clark University	14	8	@	@	@	@														x	x	x	@		
Clarke College	17	7	x	x	x											@	@	x	@						
Clarkson University	13	2															x	@							
Clemson University	01	1															@								
Cleveland Institute of Art	12	14	@		@	x		x	x	@	x		x	x	x	x	x	x	@						
Cleveland State University	08	2																x	x						
Cochise College	27	5													x	x						x		@	@
Coe College	13	5								@	x		@	@	x										
Cogswell College	11	2												@	@										

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Coker College	11	2														@	@								
Colby College	14	21	@	@	@	@	x	@	@	x	@			x	x	x	x	x	@	@	x	x	@	@	@
Colby-Sawyer College	11	1																	@						
Colgate University	14	9		@		@		@		@		@		x		@		@		@					
College of the Atlantic	11	3	x		@	x																			
College of the Canyons	27	1	x																						
College of the Holy Cross	18	1	x																						
College of the Mainland	27	4															x	x	x				x		
College of the Sequoias	28	13	x	x	x	@											@	@	@	@	@	@	@	@	@
College of Aeronautics	32	10													x	@	x	x	x	x	x	@		@	@
College of Art and Design	11	5	@	x	x	x	x																		
College of Boca Raton	32	2	@					x																	
College of Charleston	09	12	@	@	@	x	x											x	x	@		@	@	@	@
College of Ganado	31	1														x									
College of Mount Saint Vincent	18	23	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
College of Mt St Joseph on the Ohio	16	7					x	@	@	@	x					@	x								
College of New Rochelle	18	20	x	@	x	@	@	@	@	x	x	x	x	x	x	@				x	x	@	@	@	@
College of Notre Dame	17	12	x	x	@	x	x												x	x	x	x	@	@	@
College of Notre Dame of Maryland	18	1									@														
College of Our Lady of the Elms	16	2																	@	@					
College of Saint Benedict	17	20	@	@	x	x	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
College of Saint Catherine	17	18	@	@	@	@	x	x	@	x	@	@	@	@	@	@	@	@	@	@					
College of Saint Francis	17	9	@	@	x					x	@	x				@	@	@							
College of Saint Mary	16	2	@	x																					
College of Saint Rose	17	3																@	@	@					
College of Saint Scholastica	17	7					@	@	@			x	@					x	@						
College of Saint Teresa	17	11		@	@	@	@	@	x	@	@	@	@	@											
College of Saint Thomas	18	11	@	@	@	@	@	@	x	@	@	@		@											
College of Santa Fe	16	4														x			x		x	x			
College of Staten Island	29	15	@			@		x	x	x	@	@		@	x	@	x	@	@	x	x				
College of William and Mary	09	7	@	@			x	x	x	x	x														
College of Wooster	23	9								@	x	@	@	@	@	@	@	@							
College Misericordia	16	10	@	@	x	x	x	x	x	@						@	@								
Colorado College	14	9	@	@	@	x	@	@	x	@									@						
Colorado Mountain College-East Campus	25	4													x	x	x	x							
Colorado State University	02	2																				x			@
Colorado Women's College	11	4											x		@	@	@								
Columbia College	21	2										@								@					
Columbia University	06	9	@	x	@	x	@	x															@	@	@
Community College of Rhode Island	29	4										@	x	@	x										
Compton Community College	36	11										@		x	x	x			x	x	x	x	x	x	@
Concord College	07	2	x	x																					
Concordia College (AL)	30	2											@					@							
Concordia College (MN)	23	4													x	x								@	@
Concordia College (NY)	11	7	@	@	@	@	@	@	@																
Concordia College (OR)	20	14	x	x			@	@	@	@	@	@	@	@	@	@	@	@							
Concordia College	31	4										@	@	x	x										
Concordia Lutheran College	20	4	@	@	@	x																			
Concordia Teachers College	23	1		x																					
Connecticut College	14	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Converse College	12	13	@	@	@	@	@	@	@	@	@	@	@	@	x										
Cooper Union	14	1																	x						
Coppin State College	34	17	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x		x				
Cornell College	23	16	x	x	@	@	@	@	@	@	@	@	@	@	x	@	@	@							
Cornell Univ-School of Human Ecology	06	2																				x	@		
Cornell University	06	5								x	@					@	x	x							
Corning Community College	28	13	x	@	@	@	@	@	@	@	x	@	@	@										@	
Cottey College	31	5								@							@	@	@	x					
Covenant College	22	7	@		@		x			x		@	@	@											
Cowley County Community College	26	9															x	x	@	x	x	@	@	x	@
Crafton Hills College	25	1	x																						
Creighton University	04	2	@	x																					
Cullman College	30	8											@	@	x	@		@	@	x	@				
Curry College	12	4																x	x	x	x				
CUNY-Bernard M Baruch College	10	7															x	x		x	@	x	@	@	
CUNY-Borough of Manhattan Cmty College	29	3																x	x		x				
CUNY-Brooklyn College	09	1																			x				
CUNY-City College	09	16								x	@	@	x	@	x	x	@	x	@	x	@	@	@	@	@
CUNY-Eugenio Maria de Hostos Cmty Coll	28	3													x	x	x								
CUNY-Herbert H Lehman College	10	1																			x				
CUNY-Hunter College	08	3																				x	@		x
CUNY-John Jay College of Criminal Justic	07	12							@		@	@	@	@	@	@	x	@	@	@	x				
CUNY-NY City Technical College	29	3																			x		@	x	
CUNY-Queens College	09	1																			x				
CUNY-Queensborough CC	29	18	x	x	@	@	@	@	x	x	x	@	@	@	x	@	@	@	@		@				
CUNY-York College	07	10							x		x	x	x	@	@	x	@	@			@				
D'Youville College	16	9				x	@							x	@	@	x	@		x	x				
Dakota State College	07	1			x																				
Dakota Wesleyan University	20	5					x	@													x	x	@		
Dallas Baptist University	21	3																			x		x	@	
Daniel Payne College	35	3													x	x							x		
Danville Community College	27	1													@										
Dartmouth College	14	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
David Lipscomb College	21	3																			x	x	@		
Davidson College	23	7	@												@	@	@	@	@	@					
Davis and Elkins College	21	22		x	x	x	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@
Defiance College	11	20	@	@	@	x	x	x	@	@	@	x	x	x	@	x	@		@	@	@	x	@		
Delaware County Community College	28	4																		@	x	x	@		
Delaware State College	34	12			@		@		@				x	x	x					@	@	@	@	@	@
Delaware Valley College of Sci & Agri	11	17							x	@	x	@	@	x	@	@	x	@	@	@	@	@	@	@	@
Delta College	29	1											x												
Denison University	13	2																	x	@					
DePaul University	04	3		@		@	x																		
DePauw University	23	19	@	@	@		@	@	@	@	@	@	@		@	@	@	@	@	@	@	@	@		
DeVry Institute of Technology (IL)	11	1			x																				
DeVry Institute of Technology (OH)	11	19		x		x	x	x	@	@	@	@	@	@	x	@	x	@	@	x	@	@	@		
Dickinson College	14	23	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Dillard University	35	20	@	@	x	x	@	@	@	@	@	@	@	@	@	@	@	@	x		@	@	@		
Doane College	21	3															@	@	@						

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Dominican College of Blauvelt	16	23	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	x	x	@	@
Dominican College of San Rafael	17	23	x	@	@	@	@	@	@	@	@	x	@	@	@	x	x	@	@	@	@	@	@	@	@
Dominican College-Racine	17	1																x							
Donnelly College	31	10														x	x	x	x	x	@	@	@	@	@
Douglas College	07	1			x																				
Dowling College	12	1																			x				
Drake University	05	21	@	@	@	@	@	@	@	@	@	@	x	@	@	x	@	@	@	@	@	x	@		
Drew University	23	10	x	x	x	x	@	@	x	x	x	x													
Drexel University	13	5			x	x	x					x			x										
Drury College	12	1				x																			
Duke University	06	10								x	@	@	@	@	@	@	@	x		x					
Dutchess Community College	29	16						@	@	@	@	x	@	@	@	x	@	@		@	x	x	x	@	
Dyersburg State Community College	27	1			x																				
Dyke College	15	2														@	x								
Earlham College	23	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
East Carolina University	07	5		@				@	@	@	@														
East Central College	27	3														x	@	x							
East Central University	07	3																	x	x	@				
East Georgia College	25	7	@	@	@					@	@	@	@												
East Los Angeles College	29	3									@	x					x								
East Stroudsburg University	08	3										@	x	@											
East Texas State University	07	1																x							
Eastern College	21	5			@												@	@	x	x					
Eastern Mennonite College Inc	21	23	@	@	x	@	@	x	x	x	x	x	@	x	@	@	@	@	@	@	@	@	@	@	@
Eastern Montana College	07	5						x	x	@	x	@													
Eastern New Mexico University-Portales	07	2	@	x																					
Eastern Wyoming College	25	7					@					@	@	@	@	@	@								
Eckerd College	23	17	@	x	x	x	x	x		x	x		@	x	@	@	@	@	@	@	@				
Edgewood College	16	2								@	@														
Edmonds Community College	27	1																					x		
Eisenhower College	13	10								x			@	@	@	@	@	x	@	@	@				
Elizabeth City State University	34	17		x	x	x	x	@	@	x	x	@	x	@	x	x	@	@	@	@					
Elizabeth Seton College	32	4													x	x	@	x							
Elizabethtown College	22	20	@	@	x	@	@	@	@	@	x	@	x	x	@	@	@	@	x	@	@	@			
Elmira College	13	6								@	@	x	x	x						x					
Elon College	21	9	@	@	@	@	@					@	@						@	x					
Embry-Riddle Aeronautical University	11	2	@	x																					
Emerson College	12	9	@	@	@	@	@	@	@	x			x												
Emory and Henry College	22	23	x	x	@	@	@	@	@	@	x	@	@	@	@	@	x	@	@	@	@	@	@	@	@
Emory University	05	19	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@					@
Emporia State University (KS)	07	1																x							
Emporia State University (KS)	21	1																x							
Erskine College	21	8	@	@	@	@									x			@	@	@					
Essex County College	29	1															@								
Eureka College	21	6		@	x			x			x	@						@							
Evergreen State College	07	14	x	x	x	@		x	x	x	x	x		x	x	x	x	x							
Fairfield University	18	8	@				x					@	@	@	@	@	@								
Fairhaven College	30	5														x	x	x	x		x				

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Fairleigh Dickinson U-Rutherford Campus	13	1			x																				
Fairleigh Dickinson U-Teaneck Campus	13	13	x	@							x	x	x	x	@	@	x	@	x	x	x				
Fairmont State College	07	18	x	x	x		@		@	x	@	@		@	x	x	@	x	x	x			@	@	@
Feather River College	26	1													x										
Felician College	16	3									x	x	x												
Ferris State University	07	1	@																						
Ferrum College	11	3	@				@	x																	
Findlay College	20	7	x		x	@	@											@	@	@					
Fisk University	35	21	@	@	@	@	@			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Fitchburg State College	08	1									@														
Florida A&M University	34	2													@	@									
Florida Atlantic University	07	1	@																						
Florida College	31	9	@	@									x	@	@				@	@		@	@		
Florida Institute of Technology	13	1								@															
Florida Keys Community College	26	5																x	x		x	x	@		
Florida Memorial College	35	1																x							
Florida State University	02	14	@	@	@	@	@	@	@	@	x	x										@	@	x	@
Fordham University	05	3	@	@	x																				
Fort Hays State University	08	17	x		x	@	x	@	@	@	x	x					@	x	@		x	x	x	x	@
Fort Lewis College	07	1																			x				
Fort Scott Community College	25	19	x	@	@	@	@	x	x	@	@	x	x	@	@	@	@	x	@	@		x			
Fort Valley State College	34	1											@												
Framingham State College	09	14	x	@								x	x	@	@	x	@	@	@	@	x	@	@		
Franklin and Marshall College	14	23	x	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Franklin College	12	6								@	@	@	@	@	@										
Franklin Pierce College	11	2	@	x																					
Franklin University	11	2				x	x																		
Freed-Hardeman College	20	21	@	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
Fresno City College	29	1													@										
Fresno Pacific College	21	2	@		x																				
Friends University	20	2					x							@											
Frostburg State University	07	3															x	@	@						
Furman University	23	16	@	@	@	@	@	x	x	@	@	@	@	@	@		@	@	@						
Gallaudet University	11	15				x						x	x	x	x	x	x	x	x	x	x	@	@	@	@
Gannon University	17	11			x	@	@	@	x	x	x	x	@	@	@										
Garden City Community College	27	14	@	x	x	@	x	@					x		@	@	@	@	@	@			@		
Gardner Webb College	20	1	@																						
Garland Junior College	31	6														@	@	@	@	@	@				
Geneva College	21	5									@	@						@	@	@					
George Mason University	09	7													x	x	@	x	@	x	@				
George Peabody College for Teachers	11	4																				@	x	@	@
George Washington University	05	1	@																						
George Williams College	12	15				@	x					x	x	@	@	@	@		@	@	@	@	@	@	@
Georgetown University	06	4	@	@													@	x							
Georgia Institute of Technology	09	23	x	x	x	@	@	@	@	x	@	x	x	x	@	x	@	x	x	x	@	x	@	@	@
Georgia Southwestern College	07	12	@		@					x	x	@	@	@	@		@	@	@	@					
Georgian Court College	16	3	x			@				@															
Gettysburg College	14	20	@	@	@	@	@	@	x				@	@	@	@	@	@	@	@	@	@	@	@	@
Glassboro State College	08	4	@	@	@																x				

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Goddard College	13	3															x	x	x						
Gonzaga University	17	19	x	@	@		@	@	@	@	@		x		@		x	@	x	x	x	x	x	@	@
Gordon College	13	3	x	@	x																				
Goshen College	22	3			@	x												@							
Goucher College	13	7	@	@				x		@		@	@	@											
Grace Theological Seminary	21	3	x	x	x																				
Graceland College	22	1															x								
Grambling State University	34	1														x									
Grand Canyon College	21	3															x			@	@				
Grand Rapids Baptist College	20	4		x	x	@													x						
Grand Valley State College	08	1																x							
Grandview College	11	21	x	x	x	x	x	x	@	x	@	x	x	@	@	x	@	x	@	x	x	x	@		
Grayson County College	27	13								@	@	@	@	@	@	@	@	@	@	@	@	@			
Green River Community College	29	1																			x				
Greenfield Community College	28	1																			x				
Greensboro College	21	1			x																				
Grinnell College	14	19	@	@	@	@	@	@	@	@	@	@	@				x		x	x	x	@	@	@	@
Grove City College	13	1								@															
Guilford College	23	22	@	@	x	x	x	@	x	x	x	x	@	x	@	x	x	@	@	@		@	@	@	@
Gulf Coast Community College	28	13						@	@	@	x		x	@	@	@	@	@	@	@	x				
Gustavus Adolphus College	23	18	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@		@				
Gwynedd-Mercy College	16	1														@									
GMI Engineering & Management Institute	13	23	@	@	@	@	@	x	@	x	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@
Hamilton College	14	21	@	x	x	@	@	x	@	@	@	@	@	@	@	@	@	@	x	x	@	@	@		
Hamline University	23	23	@	@	x	x	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@
Hampden-Sydney College	22	19	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Hampshire College	13	5											x		x	x	x	x							
Hampton University	35	2												@						@					
Hannibal-Lagrange College	20	13	@	@	@								@			@	@	@	@	@	@	@	@	@	
Harcum Junior College	32	7			@	@	@	@	@	@	@														
Harding University	21	18				x	x	x	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@		
Harriman College	31	4												@	@	@		@							
Harris-Stowe State College	07	2																			x	x			
Harrisburg Area Community College	29	4																		x	x	x		x	
Harvard University	06	5																			x	x	x	x	x
Harvey Mudd College	14	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			@	@	@	@
Haverford College	14	19	@	@	@	@	@	x	x	x	@			@	@			@	@	@	@	@	x	@	@
Hawthorne College	31	4															x	x	x	@					
Heidelberg College	21	6							x		@		@		@		x			@					
Hendrix College	22	11	@		@	@	@	@	@	@	@	@	@	x											
Henry Ford Community College	29	3																					@	@	@
Herkimer County Community College	28	14		@		@		@		@		@		@	x		x	x	@	@	x	x	@		
Hesston College	31	2	@	x																					
Highland Community College	27	6																	@	x	x	@	@	@	
Hillsborough Community College	28	1																@							
Hillsdale College	12	1								@															
Hiram College	12	19	@	@	@	x	@	@	@	@	@	x	x	x	@	x	@	@	@	@	@				
Hobart and William Smith Colleges	14	11						x	x		x	x	x	x	@	x	@	@	@						
Hocking Technical College	28	7	@	x	@	@					x	x						x							

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Hofstra University	04	12	@				x		@		@		@	@	@	@	@	@	@	@					
Hollins College	13	19	@	@	@	@	x	x	@	x		x				@	x	x	x	x	@	@	@	@	@
Holy Cross Junior College	30	1																				x			
Holy Names College	17	9							x	x	x	x	x	x	x	x	x								
Holy Redeemer College	19	3					@	x	@																
Hood College	13	13	@	@	@	@	@	@	@	@	@	@	@	@	@										
Hope College	13	8	x					x							x	x	@	@	@	x					
Houghton College	23	7				x	x	@	@	x	x	x													
Houston Baptist University	21	4			@																x	@	x		
Howard Community College	26	2															x	x							
Howard University	35	20			x	x	@	x	@	x	x	x	@	@	@	x	x	x	x	x		@	x	x	x
Humphreys College	30	18	x	x		x	@	@			x	x	x	x	@	@	x	x	@	@		x	x	x	
Huntington College	21	17	@	@	@	@				@	x	x	@		x	@	x	@	@	x	@	@	@		
Huron College	20	10												@	@	@	x	@	x	x	x	@	@		
Huston-Tillotson College	35	4					x							x				x					@		
Idaho State University	07	9	x	x											x	x					x	@	@	x	@
Illinois Benedictine College	17	6	x	x		@		@				x			x										
Illinois Central College	29	1																					@		
Illinois Institute of Technology	13	12	x	@	x	x	x	x			x										@	@	@	@	@
Immaculata College	12	2																						@	@
Immaculate Heart College	17	8													x	x			x	@		x	@	x	@
Indian Hills Cmty College-Centerville	26	5																			x	x	@	@	@
Indian River Community College	28	7										x						@			@	@	@	x	@
Indiana Institute of Technology	12	5								x				x	x	@	x								
Indiana U-Purdue U-Indianapolis	07	7									x	x	x	x	x	x	x								
Indiana University	01	14	x	x	x	x	x	x	x	x	x	x		x	x				x		x				
Indiana University of Pennsylvania	09	1				x																			
Indiana Wesleyan University	21	9	@	x	x	@	x		x	@	@	@													
International Junior College of Business	32	1													@										
Inver Hills Community College	28	1													@										
Iona College	17	1															@								
Iowa State University	03	20	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		x	@		
Iowa Wesleyan College	21	23	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@
Itasca Community College	27	6						@													@	@	@	@	@
Ithaca College	13	7												x	x	x	x	x	x	@					
Jackson State University	34	11								x	x	x	@	x	x	x	x	x	x	x					
James Madison University	08	1																		@					
Jamestown Business College	32	1													@										
Jamestown Community College	28	7				x		@			@			@			@			x				x	
Jefferson Community College	27	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@		
Jefferson Technical College	27	1										@													
Jersey City State College	07	1											x												
John A Gupton College	30	2														@		x							
John Brown University	11	6		@		@		x		@			@							@					
John Tyler Community College	26	2																				x	@		
Johns Hopkins University	06	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Johnson C Smith University	35	22	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@	@	@	@	@	@	@
Johnston College	23	2															@	x							

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Judson College	11	5			@					x	@	x	@												
Juniata College	12	10	@	@		x	@	@	@	@	@	x	x												
Kalamazoo College	13	16	x	x	x	x	x	x	x	x	@	@	@	@	@	x	@	x							
Kalamazoo Valley Community College	27	1														x									
Kansas City Art Institute	11	15	@	@	@	x	x	@	@	x	@	@	@	@	x	@			x						
Kansas Wesleyan University	21	13	x		@										x	x	x	x	x	@	@	x	@	@	@
Kean College of New Jersey	08	7								@	@	@	@	@			x	x							
Keene State College	07	11	x	@	@	@	@	@	@	@	@	@	@												
Kenai Peninsula Community College	25	1										@													
Kent State Univ-Stark	27	4		@									@	@	x										
Kent State University-Ashtabula	27	3											@	@	x										
Kent State University-East Liverpool	26	3											@	x	x										
Kent State University-Geauga	26	1													x										
Kent State University-Salem	25	5									@	@	@	x	@										
Kent State University-Trumbull	28	7											x	@	x	x	@	@	@						
Kent State University-Tuscawaras	26	7										@	@	@	@	@	@	@							
Kentucky State University	07	16						x		x	x	x		x	x	x	@	x	@	x	x	x	@	x	@
Kentucky Wesleyan College	20	20	x	x	x	x	x	@	@	@	@	@	x	x	@		x	x		x	@	x	@	@	
Kenyon College	14	9	@	@	@	@	@	@	@	@		@													
Keuka College	12	1					x																		
Keystone Junior College	32	20	@	@	@	@	@	@	@	@	@	@				@	@	@	@	@	@	@	@	@	@
King College	23	4	@		@		x						@												
King's College (NY)	12	3	@	@	x																				
King's College (PA)	12	8	@	@	@	@	x	@	@	@															
Kirkland College	14	10												@	@	@	@	@	@	x	@	@	@		
Kirtland Community College	25	4	@	@	@	x																			
Kishwaukee College	27	13								x	x	@	@	x	x	@	x	@	@	x	@	@			
Kittrell College	37	2															@		@						
Knox College	13	12		@	@	@	@	x	x	x	x	@	@	@	@										
Knoxville College	35	8			x						x	@	x	@		x		x					@		
Kutztown University of Pennsylvania	09	1																			x				
La Roche College	16	5							x										@	x	x	@			
La Salle University	18	13		@		@	@	@	@	@	x		x		x	x	@	x	x						
Laboure' College	31	1														x									
Lafayette College	14	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Lake City Community College	27	19		x		x	@	x	@	@	x	@	x	@	@	x	@	@	@	@			x	@	@
Lake Erie College	12	5											x		@	@	@	@							
Lake Forest College	23	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@
Lake-Sumter Community College	26	1											@												
Lakeland College	21	15									@	x	@	x	@	x	@	x	@	@	@	@	@	@	@
Lakeland Community College	28	4				x	x													@	@				
Lakeshore Tech	26	3														x	@	x							
Lamar University	07	4	@	@	@	x																			
Lambuth College	21	2					@	x																	
Lander College	07	12	@	@	@	@	@	@	@	@	@	@				@	x								
Langston University	34	3																x	x	x					
Laredo Junior College	28	5																		x	x	x	x	x	
Lawrence University	13	11	@	@	x	@	x	@	@							x	x	x	x						

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Lawson State Community College	34	13			x	x		x		@	@	x	@	@	@			@	@	@	@				
Le Moyne College	18	23	@	@	x	x	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	x	@
Le Moyne-Owen College	35	1																x							
Lea College	14	1																			x				
Lebanon Valley College	23	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Lee College (KY)	31	3																@	@	@					
Lee College (TN)	20	1								x															
Lehigh University	06	9					@	@	@	@	@	@	@	@	@										
Lenoir-Rhyne College	21	14	@	@	x	x	@	x	x					@	@	@	@	@	@	@					
Lesley College	12	9		@	@	@	@	@	@	@	@	@													
Lewis & Clark Community College	26	1																		x					
Lewis and Clark College	13	18		@	@	@	@	@	@	x	x	@	@	@	@	@	@	@	x	@	@				
Lewis University	12	10	@	@	x	@	@	@	@	x	x							x							
Limestone College	11	1		x																					
Lincoln College	31	3																	x		@	@			
Lincoln Technical Community College	27	1																	@						
Lincoln University	35	13	@	@	@	@	@	x	@	@									@	@	@	@	@		
Lindenwood College	21	13										x	@	@	@	@	@	@	@	@	@	@	@	@	
Linfield College	22	18	@	x	@	x	@	@	@	@	@	@	@	@	x	x	x	@	x	x					
Livingstone College	35	10							x	x	x	x		x	x	@	x	x	@						
Lock Haven University of Pennsylvania	07	22	x	x	@	x	x	x	x	@	@	@	@	x	@	x	@	@	@	@	@	x	@	@	
Lone Mountain College	17	2														x				x					
Long Island U-C W Post Center	12	4						x				x	x	x											
Long Island University-Southampton	12	13				x	x	x	x	@	x	@	x	@	@	x	x	x							
Longwood College	07	21	@	@	x	x	x	x	x	@	x	@	@	@	@	@	@	@	@	@	@	@	@		
Lorain County Community College	28	4														x						x	x	@	
Loretto Heights College	11	22		x	x	@	x	x	@	@	x	x	@	x	x	@	@	@	@	@	@	@	@	@	@
Los Angeles City College	29	10										x	x	x	x	@	x	@	@	x	@				
Los Angeles Harbor College	29	1															x								
Los Angeles Pierce College	29	1															x								
Los Angeles Southwest College	27	1															x								
Los Angeles Trade Technical College	29	1															x								
Los Angeles Valley College	29	1															x								
Louisiana College	20	6		@	@	@	@					@	@												
Louisiana State U-Alexandria	27	20	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@			@	x	
Louisiana State U-Eunice	25	11	@	@	x	x	@	@	@			@				x							x	x	
Louisiana State U-Shreveport	07	3								@													@	x	
Louisiana State University and A and M C	01	3																					@	x	@
Louisiana Tech University	07	7																	@	x	x	x	@	@	@
Loyola College	18	13	@	@	@	@	@	@	@	@	@	@	@	x	@										
Loyola Marymount University	04	3						@	@	@															
Loyola University (CA)	17	8																x	x	x	x	x	@	@	@
Loyola University (LA)	04	19	@	@	@	@	@	@	@	@	@	@	@	@	x	x	@	x	x		@	@			
Loyola University of Chicago	04	21	x	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Luther College	23	14	x	x				x	@	x	@	@	@			x	@	@	@	@	@				
Lynchburg College	12	12	@	@	x	@	x				@	@	@	x	x	x			x						
Lyndon State College	07	1	x																						
Mac Murray College	23	20	x	x	x	x	@	x	@	x	@	@				@	@	@	@	@	@	@	@	@	@
Macalester College	20	15	@	@	@	@	@	@	@	@	x	x	x	x			x	@		x					

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
MacCormac Junior College	31	14	@	@	@	@	@	@	@	@	@	@	@	@	@		@								
Madison Area Technical College	29	6		@				@			x			x		x				@					
Madonna College	16	10													x	x		@	@	@	@	@	@	@	@
Maharishi International University	11	10	@	x	x	x	@			x	x		x	x	@										
Maine Maritime Academy	07	2	x	x																					
Mallinckrodt College of the North Shore	30	1									@														
Manatee Community College	29	14							x	x	x	x	x	x	@	@	@	@	@	@	@	x			
Manchester College	21	14	@	@	@	@	x	@	@			@		@		@		@	@	@	@				
Manhattan College	18	16	@	@	x	@	@	@	@	@	@	@	@	@	@	x		x		@					
Manhattanville College	13	17	@	@	@	x	@	@	@	x	@	@	@	@	@	@			x				@		x
Mankato State University	07	1		x																					
Manor Junior College	31	9	@	@	@			@	x	@	@	@	@												
Mansfield University of Pennsylvania	08	3															@	@	@						
Maria Regina College	31	8				@	@	@	@	@	@	@	@												
Marian College of Fond du Lac	18	17							@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Marietta College	12	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Marist College	12	14		x		x		x	@	x	x	x	x	@	x	x	x	@	x						
Marjorie Webster Junior College	32	1																		@					
Marlboro College	13	23	x	@	@	x	x	x	x	x	x	x	x	x	x	@	@	@	@	@	@	@	@	@	@
Marquette University	04	15	@	@	@	@	@	@	@	@	@	@	x	x	@	@	@								
Mars Hill College	20	13	x	x	@					@	@	@	@	@	@	@		x	@	@					
Mary Baldwin College	22	21	@	@	@	x	@	x	@	@	@	x	@	@	x	x	x	x	x	x			@	@	@
Mary Holmes College	35	4				x	x									@					x				
Mary Manse College	17	1																x							
Mary Washington College	09	2															@	@							
Marygrove College	16	2													@	@									
Maryknoll Smeinary	18	3																				@	@	@	
Maryland Institute College of Art	11	15	@	@	x	x	@	@	@	@	@	@	@	x	x		@	x							
Marymount College (KS)	16	23	@	@	@	@	@	@	@	@	x	x	@	x	x	x	x	x	x	@	@	@	@	@	@
Marymount College (NY)	17	10	@	@	@	@	@	@	@	@	x	x													
Marymount Manhattan College	13	16	x	@	@	x	@	x	x	x	x	x	x	x	x	@	x	x							
Marymount University	19	10	@	x	@	x	@	@		x	x	x	x												
Maryville College	21	6		@	@			x		@		@					@								
Marywood College	17	20	@	x	x	x	@	@	@	@	@	x	x	x	x	@	@	@	@	@	@	@			
Massachusetts Bay Community College	29	8					x		x	@	@	@	@	@	@										
Massachusetts College of Art	08	1				x																			
Master's College	29	22	@	@	x	@	@	x	@	@	@	@	@	@	@	@	@	@	@	x	@		@	@	@
Mayville State University	07	9	x	@	x	@	@	@	@	@	@														
McKendree College	20	6										@	@	@	@	@	x								
McPherson College	20	23	@	@	@	x	@	@	@	@	@	@	x	x	@	@	x	@	@	@	@	@	@	@	@
Medaille College	11	16						@	@	x	x	x	@	x		x	@	@	@	@	@	x	@		x
Medgar Evers College	10	2												@	@										
Memphis State University	07	2		x	x																				
Menlo College	11	1															x								
Mercer County Community College	29	6																	x	x	x	x	@	@	
Mercy College	12	1											@												
Mercy College of Detroit	16	9													x	x	x	x	x	@	@	x	@		
Mercyhurst College	16	21	@	@	@	@	@	x	x	x	@	x	x	@	@	x	x	@	@			x	@	@	@
Meredith College	22	1															@								
Merrimack College	17	15		x	@	x	@	@	@	@	@	@					x	@	@	@		@	@		

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Mesa College	07	3																					@	×	@
Messiah College	21	1	@																						
Miami University	03	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@
Michigan State University	02	7	×						×											×		@	@	@	@
Mid-American Nazarene College	20	16	×	×	@	@	×	×	×	@	@	@	@	@	@	@	@	@							
Middlebury College	14	22	@	×	×		×	×	×	×	×	×	×	×	×	×	×	@	@	×	@	@	@	@	@
Middlesex Community College	28	6						@	@	@	@	@	@												
Middlesex County College	29	7														@	×	@	@		×	@	@		
Midway College	30	19	@	@	×	@	×	@	@	@		@		×	@	×	×	@	@	@	@	@	@		
Midwestern State University	08	1									×														
Millersville University of Pennsylvania	09	2	@			×																			
Milligan College	11	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@		
Mills College	13	21	×	×	@	@	@	×	×	×	×	@		@	@	×	×		×	×	@	×	@	@	@
Millsaps College	22	8														×	×	×	@	×	×	@	@		
Milton College	11	6																×	@	×	×	@	×		
Milwaukee School of Engineering	13	4	×	×	×	×																			
Minneapolis College of Art & Design	11	4		@	@	×	×																		
Mira Costa College	27	3																×					×	×	
Mississippi College	22	15	×	×	×	×	×	×	×	×	×	×	×	@	×	×	×								
Mississippi State University	02	1															×								
Mississippi University for Women	08	1																		×					
Missouri Baptist College	15	4																×	×	×	×				
Missouri Valley College	21	6										@	@	@	×	@	@								
Modesto Junior College	29	5															@		×		×		@	@	
Mohawk Valley Community College	29	1														@									
Molloy College	17	5						×	×	@	×						×								
Monmouth College (IL)	21	15						@	@	@	@	@				@	×	@	@	@	@	@	@	@	@
Monmouth College (NJ)	11	6	@	@	@	@	@	×																	
Monroe County Community College	27	1												×											
Montana College of Mineral Sci & Tech	07	5					×	@	@	×			×												
Montana State University	01	15	×		@	@	@								@	@	@	@	@	@	@	@	@	@	@
Montclair State College	08	12				×		×				×	×	×	×	×					×	×	×	@	@
Montgomery County Community College	29	1																		@					
Monticello College	11	4																			×	@	@	@	
Moore College of Art	12	3	×	@	×																				
Moorhead State University	08	1				×																			
Moorpark College	28	4																		×	×	×	×		
Moravian College	23	2	×														×								
Morehead State University	07	3	@			×												×							
Morehouse College	35	21	@	@	@	@	@	@	@	@	@	@	×	×	@	×	×	×	×	×			@	@	@
Morgan State University	34	19	×	×	×	×	×		@	@	@	@	@	@	@	×	×	@	×	×				@	@
Morningside College	22	20	@	@	@	@	@	@	@	×	@	@	@	@	@	×	@	×	@	@	@	@			
Morris Brown College	35	9	×	×														@	@	@		×	@	×	×
Morristown College	37	3												@		@					@				
Mount Holyoke College	14	23	×	×	×	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Mount Mary College	16	2				×	×																		
Mount Mercy College	16	1														@									
Mount Olive College	20	17	@	@	@	@	@	@	@				@	@	@	@	@	@	@	@	@	@			
Mount Saint Clare College	19	9	@	×	@	×	@	@	@	@	@														
Mount Saint Mary College	11	17		@	@	×	@	×	×	@	@	@	@	×	@	@	@	@	@	@					

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Mount Saint Mary's College	16	21	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@		
Mount Saint Mary's College-Chalon Campus	17	10	x	x	@	@	@	@	x	@			@			x									
Mount Saint Marys College-Doheny Campus	30	2	@	x																					
Mount Saint Scholastica College	16	4																		@	@	@	@		
Mount San Antonio College	29	13	x											@	@	@	@	x	x	x	x	x	@	@	@
Mount Union College	22	5									@				@	@	@	@							
Mount Vernon College	12	11	@		x	@	@	@	@	@	@	@	@	@											
Mount Vernon Nazarene College	20	12	@	@	@	@	x	@	@	@	@	@	@	x											
Muhlenberg College	23	2		@					@																
Mundelein College	12	17	@	@	@	@	x	@	x	x	x	x	@	x	x	@	@	x			x				
Muscatine Community College	26	7																@	x	@	@	x	@	@	
Muskingum College	22	5				@								@	@	@	@								
Napa College	27	3																	x				@	@	
Nassau Community College	29	2										x						@							
Nasson College	12	2												x	@										
National College of Education	11	13									x	@	@		@		x	@	x	@	x	@	@	@	@
Nazareth College of Kalamazoo	11	10													x	@		x	@	x	x	@	@	@	@
Nazareth College of Rochester	13	23	@	x	x	@	@	@	@	@	@	x	@	x	x	x	@	@	@	@	@	@	@	@	@
Nebraska Wesleyan University	12	5					@	@	@	@	x														
Neumann College	13	1	x																						
New England College	11	2	@	x																					
New Hampshire College	11	1																@							
New Jersey Institute of Technology	09	23	x	@	x	x	@	x	x	x	x	@	@	@	x	@	@	x	@	@	@	@	@	@	@
New Mexico Highlands University	07	2		x						x															
New Mexico Junior College	27	10			@					@	x	@	@	@		@	x	x	@						
New Mexico Military Institute	27	2	@			x																			
New Mexico State U-Alamagordo	26	5													x	x	x	x	@						
New Mexico State U-Carlsbad	25	2												@	@										
New Mexico State University	01	7																	x	x	x	@	x	@	@
New River Community College	26	1													@										
New York University	05	7															x	x	x	x		x	x		x
Newbury College	32	2												x	x										
Newport College-Salve Regina	16	1													@										
Newton College	18	8																x	@	x	@	@	@	@	@
Niagara County Community College	28	9					x										@	@	@	x	@	@	@	@	
North Adams State College	08	6		@	@	x	x	@	x																
North Carolina A&T State University	34	19	x	@	x	x	x	x	@	x	@	@	@	@	@	@	@	@	@	@	x				
North Carolina School of the Arts	08	2																x	x						
North Carolina Wesleyan College	21	17				x	x	x	x	x	@	@	@	x	x		@	@	@	@	@	@	@		
North Central College	22	3	x	x								x													
North Dakota State University	02	7				@					@				@		@			@				@	@
North Florida Junior College	25	4							@	@	x	@													
North Greenville College	32	13								@	x	@	@	@	@	@	@				@	@	@	@	@
North Shore Community College	28	9	x	x	x	@	@	x	@	x	@														
Northampton County Area CC	28	20	x	@	x	x	x	x	@	x	@	@	@	x	x	x	@	@	x		@	@	@		
Northeast Missouri State University	08	7	@	x	@	@	x								x	@									
Northeastern Christian Junior College	31	4																@				x	@	@	
Northeastern Illinois University	07	11			x	x	x	x	@	x	x	@	x	@	x										
Northeastern Junior College	27	2																	@	@					

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Northeastern State University	07	12	×	×	×	@	@	@	@	@				×	@	×		@							
Northeastern University	04	23	@	×	@	×	@	@	×	@	×	@	×	@	@	×	×	@	@	@	@	@	@	@	@
Northeastern-Burlington	28	2																					@	@	
Northern Essex Community College	29	9				×	×	×	×		×	×	×					×					×		
Northern Illinois University	02	14	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Northern Michigan University	07	1																		@					
Northern Nevada Community College	26	1																		×					
Northland College	12	16								×	×	@	@	×	@	×	@	×	@	@	@	@	@	@	@
Northwest College-Assemblies of God	24	1															@								
Northwest Community College	27	3																@	@		@				
Northwest Missouri State University	07	20	@	@	@	@	@	@	@	@	@	@	@	@	×	×	@				×	@	@	×	@
Northwestern College	22	14	@	@		@	@	×	×	@	@	@	@	×	@	@	@								
Northwestern University	06	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	×	@	@	@
Notre Dame College (NH)	16	8	@	×		@	@	@	@	×	×														
Notre Dame College (OH)	16	4									@	@	@	@											
Nyack College	21	4	@		@		@	×																	
Oakland City College	20	10	@	×	×	×				×	×	×							×					@	@
Oakland University	08	22	@	@	@	@	@	@	@	@	@	×	@	×	@	@	@	×	@		×	@	@	@	@
Oakton Community College	28	1							×																
Oakwood College	35	1																×							
Oberlin College	14	19	@	@	@	@	@	@	@	×	@		×	×	×	×	@	@				@	@	@	@
Occidental College	14	22	×	@	@	@	@		×	@	×	×	@	@	@	@	@	@	@	@	×	×	@	@	@
Ohio Dominican College	16	23	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Ohio Northern University	22	7													×	×	×	×	@	×	@				
Ohio State University	01	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@			@	@	@	@
Ohio State University-Lima	07	2		×							@														
Ohio State University-Mansfield	27	1									@														
Ohio State University-Marion	07	9	×	×	×	@	@	@	×	@	@														
Ohio State University-Newark	27	1									@														
Ohio University	02	3																		×		×	@		
Ohio University-Chillicothe	25	18	@	@	@	@	@	@	@	@	×	@	×	×	@	@	@	@	@	@					
Ohio University-Zanesville	26	1																		×					
Ohio Wesleyan University	22	18	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@					
Oklahoma Baptist University	21	6	×			@					×	×	×	@											
Oklahoma Christian College	11	9													@	×	×	×	@	@	@	@	×		
Oklahoma City University	23	2				@	×																		
Oklahoma State University	01	9		@	@	×												@	@	@			@	@	@
Old Dominion University	08	7		×	×	×											×	@	@	@					
Olivet College	12	1																	×						
Olivet Nazarene College	21	2																×	×						
Ona M. Wilcox School of Nursing	11	1	×																						
Oral Roberts University	12	9								×	@	@	@	@	@	@	@					×			
Orange Coast College	29	17		×	×					×	×	@	×	×	@	×	@	×	×		×	@	×	@	@
Oregon State University	01	2																						×	×
Otis Art Institute of The	11	1				×																			
Ottawa University	21	11										@	@	@	@		@	@	@	@	@	@	@		
Otterbein College	22	16	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@							
Our Lady of The Lake University	16	14	@			@							×	×	×	×	@		×	@	@	@	×	@	@

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Pace University	12	16	@	x	x				x		x		@		x	x	x	x	@	@	x	@		x	x
Pace University-White Plains	17	4	@	@									x		@										
Pacific Union College	21	1														@									
Pacific University	12	16		x	x	@	x	@	@	@	x	@	@	@	@	@	@	@	@						
Packer Collegiate Institute	30	5																		@	@	x	@	@	
Paducah Junior College	16	3																			x	@	@		
Paine College	35	3		@	x	x																			
Palmer Junior College	31	1														x									
Park College	20	12	@	x	x	@								@	@	x	x	x	x				@	@	
Parsons College	22	5																	@	x	@	@	@		
Passaic County Community College	27	2															x	x							
Patrick Henry Community College	25	2			@										@										
Penn State U-Allentown Campus	25	14	@	@	@	x	@	@	@	@	@	@	@	@	@								@		
Penn State U-Altoona Campus	28	14	@	@	@	@	@	@	@	@	@	@	@	@	@								x		
Penn State U-Beaver Campus	27	14	@	@	@	@	@	@	@	@	@	@	@	@	x								x		
Penn State U-Behrend College	08	14	@	@	x	x	@	@	@	x	x	x	@	@	x								x		
Penn State U-Berks Campus	27	14	@	@	@	x	x	x	@	@	@	@	@	@	@								x		
Penn State U-Capital Campus	06	2																			x	x			
Penn State U-Delaware County Campus	27	14	@	@	@	@	@	@	@	@	@	x	@	x	@								x		
Penn State U-Dubois Campus	25	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@							x		
Penn State U-Fayette Campus	25	13	@	@	@	@	@	@	@	@	@	@	@	@	@										
Penn State U-Hazleton Campus	27	15	@	@	@	@	@	@	@	@	x	@	x	x	@	@							x		
Penn State U-McKeesport Campus	07	12		x	x	@	x	x	@	x	x	@	@	@	@										
Penn State U-Mont Alto Campus	27	14	@	@	@	@	@	@	@	@	@	@	@	@	x								x		
Penn State U-New Kensington Campus	25	14	@	@	@	@	@	@	@	@	@	@	@	@	@								x		
Penn State U-Ogontz Campus	28	14	@	@	@	@	@	@	@	@	@	@	@	@	@								x		
Penn State U-Schuylkill Campus	25	14	@	@	@	@	@	@	@	@	@	@	x	x	x								x		
Penn State U-Shenango Valley Campus	25	15	@	@	@	@	@	@	@	@	@	@	x	@	@	x							x		
Penn State U-Wilkes-Barre Campus	27	15	@	@	@	@	@	@	@	@	@	@	@	@	@					@			@		
Penn State U-Worthington Scranton Campus	25	16	@	@	@	@	@	@	@	@	@	@	@	@	@	@				@			x		
Penn State U-York Campus	27	15	@	@	@	@	@	@	@	@	@	@	@	@	@					@			x		
Pennsylvania State University	02	19	@	@	@	x	x	x	x	x	x	@	@	x	@			x	x		x	x	x		@
Pennsylvania Valley Community College	28	4																		@	@	x	x		
Pepperdine University	12	19	x	x	x	x	x	x	x	x			x	@	x	@	@	@	x	x	x	@	@		
Peru State College	07	8											@				x		x	x		@	@	@	@
Pfeiffer College	20	2															@	@							
Philadelphia Col of Pharmacy and Science	13	19	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Philadelphia Col of Textiles and Science	13	18	x	x	@	@	@	@	@	@	@	@	@	x	x	x	x	x	x	x					
Philadelphia College of Bible	11	10		@	@									@	@	x	x	x		@	@	@			
Philander Smith College	35	7	x															@	x	@	@	@	@		
Phillips University	22	2															@	@							
Pikeville College	20	5	@	@	@	@	x																		
Pine Manor College	11	21	@	x	@	@	x	@	@	@	x	@	x	@	@	@	@	@	@	@	@	x	@		
Pitt Community College	27	9											x	x	x	x	x	x	@		x	x			
Pittsburg State University	07	5	x					@	@	@	@														
Pitzer College	13	15	@	@	@	@	@	x	x	@	x	x	x	@	x	x							@		
Point Loma Nazarene College	20	1	x																						
Point Park College	11	3	@	@													x								
Polytechnic University	14	21	x	x		x	x	x	x	x	x		@	x	@	@	x	@	@	@	@	@	@	@	@
Pomona College	14	10	@		@		x								@	x	x	x	x			x	@		

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Prairie State College	29	13										x	x	x	@	x	@	x	@	x	x	@		x	@
Prairie View A&M College	34	1		x																					
Pratt Institute	04	9													x		x	x	x	x	x		@	@	@
Presbyterian College	22	7	@	@	@		x	@			@				@										
Prescott College	13	3															x	@	@						
Princeton University	06	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Providence College	18	3																@	x	@					
Purdue University	02	5																			x	x	x	x	x
Queens College	21	9							@	x	@	x	@	@	@	@	@								
Quincy College	17	11	x	@	@	x	@	@	@	@	@	@	@												
Quinnipiac College	11	5	x	x	x	x	x																		
Quinsigamond Community College	28	8			x	x	@													@	@	@	@	x	
Radcliffe College	06	3																				x	@		x
Radford University	07	2			x	x																			
Rainy River Community College	25	16	@	@	@	x	x	@	@	@	@	@	@	@	@	@	@						@		
Ramapo College of New Jersey	08	11	@	x	x	x						x			x	x	x	x	@	x					
Randolph-Macon College	23	11		@	@	@	@			@	@					@	@	@	@	@					
Randolph-Macon Woman's College	23	20	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@		
Ranger Junior College	26	6																	@	@	x	@	@	x	
Rappahannock Community College	26	1													x										
Raritan Valley Community College	28	4										x	@		x	@									
Reed College	14	21	@	x	x	x	x	x	x	@	x	x	x	@	x	@	x	@	@	x		@	@		x
Regis College (CO)	16	6	x		x		@		@		@	x													
Regis College (MA)	13	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
Reinhardt College	31	11	@	x	@	x									@	@	@	@	@	x	@				
Rensselaer Polytechnic Institute	06	7									@				@	@	@	x	@	@					
Rhode Island College	08	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@
Rhode Island School of Design	13	15	@	@	@	@	@	@	@	@	@		x	@	@								@	x	@
Rhodes College	23	5	x	@	@	@											@								
Rice University	06	12	x	x				x		x		@	@	x	@		@	@	@	@					
Richard Bland College	26	2														@	@								
Ricks College	33	2																						@	@
Rider College	12	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@
Ringling School of Art and Design	11	4	x	x	x	x																			
Rio Grande College/Community College	11	1																		x					
Ripon College	13	1								x															
Roanoke College	22	7	@	@	x	@							x	@	@										
Roanoke-Chowan Technical College	25	5							x	x	@	@	x												
Robert Morris College	11	10	@	@	x	@	@	x	x	x	x	x													
Roberts Wesleyan College	22	5	@	@	@	@											@								
Rochester Institute of Technology	12	5	@	x	x	x													x						
Rockford College	13	23	@	@	@	x	x	@	x	x	x	x	x	@	@	@	@	@	@	@	@	x	x	@	@
Rockhurst College	16	18				x	x	@	x	x	x	@	@	@	@	@	@	@	@	x	@	@	@		
Roger Williams College	11	7														x	x	x		x	x	@	x		
Rollins College	13	17	@	@	@	@	@	@	@	@	@	x	x	x							@	@	@	@	@
Rosary College	17	17	@	@	@	@	@	@	@	@	x	x	@	@	x	@	x	@	@						
Rosemont College	17	3													x	@	@								
Russell Sage College	12	18	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@					

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Rutgers Camden College of Arts & Science	08	11	x	x	@	@	@	@		@	x	x	@	@											
Rutgers University-New Brunswick	03	2								x	x														
Rutgers University-Newark	03	4											@	@	@	x									
Sacramento City College	29	1																							x
Sacred Heart University	16	5													x	@	x	x	x						
Saginaw Valley State College	08	2											@	x											
Saint Alphonsus College	19	3								x	x	@													
Saint Andrews Presbyterian College	22	16	@	@	@	@	x	@	@	@	@	@	x	@	@	@	@	@							
Saint Anselm College	17	2																	@	@					
Saint Augustine's College	35	1																		x					
Saint Benedict College	16	2																				@	@		
Saint Bonaventure University	17	1				x																			
Saint Catharine College	31	17	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@						
Saint Edward's University	16	22	@	x	x	@	@	@	x	x	x	@	@	@	@	x	@	@		@	@	@	@	@	@
Saint Francis College	17	12	x	x		x	@	x	x	@	x	x	@	@				x							
Saint John College	17	9															@	@	@	@	@	@	@	x	@
Saint John Fisher College	18	13	@	x											x	x	x	x	@	@	@	@	@	@	@
Saint John's College (KS)	12	13				@	@	@	@	@	@	@	@	@	@	@	@	@							
Saint John's College (NM)	14	1																		@					
Saint John's University (MN)	18	21	@	@	@	@	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Saint John's University (NY)	04	4														x	@	@	@						
Saint Joseph's College	17	21			x	@	@	@	@	@	@	@	@	@	x	@	x	@	@	@	@	@	@	@	@
Saint Joseph's University	18	6	@										x				@	@	@	@					
Saint Lawrence Seminary	30	3																				@	@	@	
Saint Lawrence University	13	7	@	@		@			@				@				x			@					
Saint Leo College	16	6	@	@	@						x	x	x												
Saint Louis Cmty Coll-Florissan Valley	29	8															x	x	@	x	x	x	@	@	
Saint Louis Cmty Coll-Forest Park	28	4														x	x	x			@				
Saint Louis College of Pharmacy	13	2	@	x																					
Saint Louis Conservatory of Music	15	2															x	x							
Saint Louis University	04	14			x			x				x			x	@	x	x	@	x	@	@	@	@	@
Saint Louis University-Parks College	11	9								@	x	@	x	x	x	@	x	x							
Saint Martin's College	16	3	x	x													@								
Saint Mary of the Plains College	16	16	x	x	@	@	x	@	@	@	x	@	x	@	@	@	@	x							
Saint Mary College	17	17	x	@	@	@	@	@	@	x	@	@	x	@	@	@	@	@	@						
Saint Mary's College (CA)	18	22	@	@	@	@	@	@	x	x	x	x	x	x	@	@	@	@	@	@	@	x	@		x
Saint Mary's College (IN)	18	15	@	@	@	x	x	x		@	@	@	x	@	@	@	@	@							
Saint Mary's College (MD)	09	20	@	x	x	x	@	x	@	@	@	@	@	@	@	@	@	x			@		@	@	@
Saint Mary's College (MN)	16	18	@	x	x	x	x	x	@	@	@	x	x	x	x	@	@				@	@	@		
Saint Mary's College	31	1	@																						
Saint Mary's College of O'Fallon	30	9							x			x	x	x	x	@	@	x	@						
Saint Mary's Dominican College	17	14										x	@	@	@	@	x	@	@	@	@	@	@	@	@
Saint Mary's Junior College	31	1																@							
Saint Mary's University	16	6			@							@	x	@	x	@									
Saint Meinrad College	16	23	@	@	@	@	@	@	@	x	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@
Saint Michael's College	18	2	@	x																					
Saint Norbert College	17	23	x	x	x	x	x	x	x	x	x	@	x	@	@	@	@	x	x	@	@	@	@	@	@
Saint Olaf College	23	4		@	@					@		@													
Saint Paul's College	30	14				@	@	@	@	@	@	@	@	@	@	@	@	@	@						

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Saint Peter's College	16	2									@	@													
Saint Petersburg Junior College	29	2																x							@
Saint Pius X Seminary	31	1																							@
Saint Vincent College	17	7	@	x	@	@	x	x	@																
Saint Vincent's School of Nursing	11	1	x																						
Saint Xavier College	16	8													@	x	x	x	@	x	@	@			
Salem College (NC)	23	23	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@
Salem College (WV)	11	4										@	x	x	@										
Salem Community College	31	1											@												
Salisbury State College	07	4															x	x	@	@					
Sam Houston State University	07	4														x	@	@	x						
Samford University	21	1		x																					
San Francisco Art Institute	13	4			x	x									x		x								
San Francisco Conservatory of Music	15	0																							
San Jose City College	29	1																							@
San Luis Rey College	18	3																					@	@	@
Santa Barbara City College	29	3																			x		@		@
Santa Clara University	05	11	@	@	x	@							x	@	x	x	@	x	@						
Sarah Lawrence College	14	9	x	@									x	x	x		@	@	@	@					
Schenectady County Community College	27	6										x	@		@		@	@	x						
School of the Art Institute of Chicago	12	7	@	x	x	x	x	x	@																
School of the Museum of Fine Arts	11	3		x	x	x																			
School of Visual Arts	11	2			x	x																			
Schreiner College	31	16			@	@	x	@	x		@	@	@	x	x	@	x	@	@	@	@				
Scripps College	13	21	@	x	x	x	x	@	x	x	x	x	x	x	x	@	x	x	x	x	x	x	@		
Seattle Pacific University	22	10				x	x	x	x	@	@	x	x	x	x										
Seattle University	17	14				x	x	x	@	@	@	x	x	x	x							@	x	@	@
Seton Hall University	04	8					x							x	x	x	@	x	x	@					
Seton Hill College	17	7	@	@	@	x	@								@				x						
Shaw College-Detroit	24	1																x							
Shaw University	35	5									x	x	x			@		x							
Shepherd College	07	3																	x	x	@				
Shippensburg University	08	7		x		@		@	@	@	x					@									
Shorter College	20	1	x																						
Siena College	18	2												@						@					
Siena Heights College	16	1													x										
Silver Lake College	16	5								x	@	@	@	x											
Simmons College	13	16	@	@	@	x	x	x	x	x	@	@	@	@	@	@	@	@							
Simon's Rock of Bard College	15	6											@	@	x	@	@	@							
Simpson College (CA)	20	1															@								
Simpson College (IA)	21	19	x	@	@	x	@	@	@	@	@	@	@	@	@	x	x	@	@	@	@				
Sinclair Community College	28	5																		@	@	@	@	@	
Sioux Falls College	22	2														@	x								
Skidmore College	13	14	@	x	@	@	x	@	@	@	@	@	@	@	@	@									
Slippery Rock University	08	3								@	x		x												
Smith College	14	13	@	@	@	@	@	@	@	@	@	@	@	@	@										
Snow College	27	2					x					@													
South Carolina State College	34	8											@	@	@	x	x	@	x	@					
South Dakota State University	02	3	@	x	x																				
Southeast Missouri State University	07	6				x	x							x	x	x		x							

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Southeastern Massachusetts University	08	6				@		@									@	x	@	@					
Southern Arkansas University	07	20	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@			
Southern Baptist College	20	13	@	@		@	@	@	@	@	@	@	@	@	@	x									
Southern College of Technology	07	3	x	x	x																				
Southern Illinois U-Carbondale	01	7														x		x		@		@	@	@	x
Southern Illinois University-Edwrdsville	08	17	@	@	@	@	@	@	x	x	x	x			x	x	x	x	@	@	@				
Southern Methodist University	05	11	x												x	@	x	x	x	x	x	@	@		x
Southern Nazarene University	20	3												@	@	@									
Southern Oregon State College	07	1															x								
Southern Seminary Junior College	31	3								@			@	@											
Southern University-Baton Rouge	34	3															x	@	@						
Southern University-New Orleans	34	1									@														
Southwest State University	07	9													x	x	x	x	x	@	@	x	@		
Southwest Texas State University	07	1			x																				
Southwestern Adventist College	20	1														x									
Southwestern College	22	15	@		x	@	x	x	x	x	x	@	@	@	@	@	@	x							
Southwestern University	22	14	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Spalding University	17	12		x		@	@								x	x	x	x	@	@			@	@	@
Spelman College	35	21	@	@	@	@	x	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@		
Spring Arbor College	21	12	@	@	x	@	@	@	@	@	@	@	@	@											
Spring Hill College	17	23	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Springfield College	12	9													x	x			@	x	@	@	@	@	@
Springfield College in Illinois	31	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@		
Stanford University	06	16	@	@	@	@	@	@	@	@	@	@	@	@								x	x	x	@
Stark Technical College	27	1														@									
Stephen F. Austin State University	07	1																	x						
Stephens College	11	23	@	@	@	@	@	@	@	@	@	x	x	x	@	@	@	@	@	@	@	@	@	@	@
Stetson University	23	11	x	x	@	x	@	@	x	x	@	x								@					
Stevens Institute of Technology	13	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	x	@	@	@	@	@	@	@
Stockton State College	07	5					x							@	@	@	x								
Sue Bennett College	31	11	@	@	@	x	@	@	@	@							@	@	@						
Suffolk University	11	5	x	x	x	@	x																		
Sullivan County Community College	28	3									@	x										x			
Suomi College	32	12						@		@	@			@	x	@	@	@	@	@	@	@			
Susquehanna University	23	13	@	@	@	@	@	@	@	@	@						@	@	@	@					
Swain School of Design	11	2								@	@														
Swarthmore College	14	23	@	@	@	@	@	@	@	@	x	x	x	x	@	@	@	@	@	@	@	@	@	@	@
Sweet Briar College	13	17					@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
SUNY at Albany	03	1											@												
SUNY at Binghamton	03	14	@	@	@	@	@	@	@	@	@	@	@	x	x	x									
SUNY at Buffalo	03	8	@	@	@	@	@	@	@		@														
SUNY at Stony Brook	03	21	@	@	x	x	@	@	@	@	x	x	x	x	x	x	x	x	x	x			@	@	@
SUNY A&T College at Alfred	29	18			@	@	@	@	@	@	@	@	@	@	@	@			@	@	x	x	@	@	
SUNY A&T College at Canton	29	3								x		x	@												
SUNY A&T College at Cobleskill	29	19	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@				@	
SUNY A&T College at Delhi	29	22	x	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
SUNY A&T College at Morisville	29	1								@															
SUNY College at Brockport	08	20	x	@	@	@	x	x	@	x	x	@	x	x	@	@		x	@	@	@	@	@		
SUNY College at Geneseo	09	21	@	@	@	@	@	@	x	@	@	@	x	@	@	@	@	@	@	@	@	@	@		
SUNY College at Oswego	09	12							x						@	x	@	@	x	x	x	@	@	@	@

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
SUNY College at Potsdam	09	20	x	x	x	x	@	@	@	@	x	x	@	@	@	@	@	x	@				@	@	@
SUNY College at Purchase	09	5	x		x		@	@	@																
SUNY College of Environ Scie & Forestry	07	1		x																					
SUNY College-Buffalo	09	3						@	@	@															
SUNY College-Cortland	09	7																@	@	x		x	@	@	@
SUNY College-Fredonia	08	3									x	x	x												
SUNY College-New Platz	08	5			x				x	@	@	@													
SUNY College-Old Westbury	10	2										x				@									
Taft College	25	1				x																			
Talladega College	35	17		@			x	@	@	x	@	@	x	@	x	x		@	@	@	@	@	@		
Tarkio College	21	5																			x	@	@	x	x
Taylor University	12	1	@																						
Tennessee State University	34	2											x							@					
Texas A&I University	07	1													x										
Texas Christian University	04	22	@	@	@	@	@	@	@	@	@		@	@	x	@	@	@	@	@	@	@	@	@	@
Texas College	35	1				x																			
Texas Lutheran College	21	4	@	@	@	x																			
Texas Southern University	34	6					x		x	@	x	x				x									
Texas Tech University	01	9		x			@		@	@											x	x	x	@	@
Texas Wesleyan College	20	4				@	@	@									@								
Texas Woman's University	01	1											@												
Thiel College	22	12	@	x	x	x	x	x	@	@	@	x	x	x											
Thomas More College	18	4	x			@	x		x																
Thomas Nelson Community College	27	1													@										
Tougaloo College	35	4	@	@	@	x																			
Touro College	11	4				x	x	x		x															
Towson State University	08	7	@	@	@	@	x	@	@																
Transylvania University	12	8												@	x			x	@	@	@	@	@		
Trenton State College	09	6	@	@	@	@												x	@						
Trinity Christian College	12	1															@								
Trinity College (CT)	14	11	@	x	@	x	@	@	@	@		@	@	@											
Trinity College (DC)	17	22	@	@	@	@	@		@	@	@	@	@	x	x	@	@	@	@	@	@	@	@	@	@
Trinity University	23	13	x	@	@	@	x		@	@				x	x	@	x	@	x						
Tufts University	06	5			x												x				x		@		x
Tulane University	06	21	@	@	x	x	x	@	@	@	@	@		x	@	x	x	x	x	x		x	@	@	@
Tunxis Community College	27	2												x	@										
Tusculum College	11	2										@	@												
Tuskegee University	35	11	@	x	@	@	@	@	@	@	x	@	@												
Tyler Junior College	29	2																				x	@		
U of the Arts	12	15	x	@		@	@	@	@	x	x	x	x	x	x			x	@	@					
U of the District of Columbia	34	9	x							x	x	x	@	x		x	@	x							
U of the Pacific	04	19	@	@	@	@	@	@	@	@	@	@	@	@	x				x	x	x	x	@		x
U of the Sacred Heart	16	2																				x	x		
U of the South	23	6	x	x	x	@	@												@						
U of the Virgin Islands	34	1							@																
U of Akron	01	8															x	x	x	x	x	@	@	@	
U of Alabama	02	1	x																						
U of Alabama-Birmingham	01	2										x								x					

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
U of Alabama-Huntsville	02	10			@	@								@	@	@	x	@	@	@	@				
U of Alaska-Fairbanks	01	8			x	x													x	x	x	x	@		x
U of Arizona	01	5	@	@	@	x	x																		
U of Arkansas-Little Rock	07	9			@	x	x	x	x	x	x	x	x												
U of Arkansas-Pine Bluff	34	22	@	@	@	@	x	x		@	x	x	x	x	x	x	@	x	@	x	x	x	@	x	@
U of Bridgeport	12	14	x	x	x	x	x	x	@	x	x	x	x		x	x	x								
U of California-Berkeley	03	21	x	x	x	x	x	x	x	x	x	x	x	@	@	@	x	x	x	x			x	x	x
U of California-Davis	03	6	@		x										@								@	x	x
U of California-Irvine	03	19	x	@	@	x	x	x	x	x	x	x	x	x	x	x	x	@					@	@	@
U of California-Los Angeles	03	20	@	@	@	@	x	@	x	x	x	x	x	x	x	@	@				@	x	x	@	x
U of California-Riverside	03	12	@				x			x	x	x	x	x							@	@	@	@	@
U of California-San Diego	03	5	@		@		x															x	@		
U of California-Santa Barbara	03	22	x	x	x	x	x	x	x	x	x	x	x		x	x	@	x	@	@	x	x	@	x	@
U of California-Santa Cruz	03	20	@	@	@	@	@	@	x	x	@		@	x		@	@	@	@	@	@	@	@	@	
U of Central Florida	08	5																@		x	x	x	x		
U of Charleston	11	11	x	x	x												x	x		x	x	@	@	@	@
U of Cincinnati	02	4	x			x						@	x												
U of Colorado-Boulder	03	7	x	x																	x	x	x	x	x
U of Colorado-Denver	01	5														@	x	x	x		@				
U of Connecticut	02	12		@		@		@		x		x	@	@	@	x	x			x					@
U of Connecticut-Hartford	02	2				x				x															
U of Connecticut-Southeast	25	2				@				@															
U of Connecticut-Stamford	25	2				@				@															
U of Connecticut-Torrington	25	2				x				@															
U of Connecticut-Waterbury	27	2				x				x															
U of Dallas	18	7	x		x																x	@	x	x	@
U of Dayton	17	1																		@					
U of Delaware	02	22		@	@	@	@	@	x	@	@	@	@	x	@	@	x	@	x	@	x	@	@	@	@
U of Denver	04	18				x	x			x	x	x	@	x	@	x	x	x	@	x	x	@	@	@	@
U of Detroit	04	8											x		x			x			x	x	@	@	@
U of Evansville	21	3				x	x	x																	
U of Georgia	02	17		@	@	@	x	x	@	x	x	x	x	x				@	x			x	@	@	@
U of Hartford	12	11		@	@	x			@	@	@	@	x										@	x	x
U of Houston-Univ. Park	01	4	x		x	x				x															
U of Idaho	01	4																x	@					@	@
U of Illinois-Chicago Circle	08	4										x		x	x			x							
U of Illinois-Urbana-Champaign	03	12												@	@	x	@	@	x	@	@	@	@	x	x
U of Indianapolis	21	12	x	x	x	@	x	x	x	x	x	x	x	x											
U of Iowa	02	5																		x	@	@	@		x
U of Kansas	02	5																		x	x	x	@	x	
U of Kentucky	01	10													x	x	@	x	x	x	@		@	x	@
U of La Verne	21	15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x								
U of Louisville	01	18	@	@	@	@	@	@	@	@	@	@	@	x					@	@	@	@	@		@
U of Maine-Augusta	27	4																x	@	@	@				
U of Maine-Bangor	26	1																x							
U of Maine-Farmington	07	3																x	@	@					
U of Maine-Fort Kent	07	5													@	x		x	@	@					
U of Maine-Machias	07	15	@	x	@	x	@	@	x	x	x							x	@	@	x	@	@		
U of Maine-Orono	02	9	x	x			@	@	@	@								x	@	x					
U of Maine-Portland	09	3																x	x	x					

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
U of Maine-Presque Isle	07	7	x	@	x							@						x	@	x					
U of Mary Hardin Baylor	22	1	@																						
U of Maryland Eastern Shore	34	3									x	x			@										
U of Maryland-Baltimore County	08	8				@						@	x	x	@	@	x	@							
U of Massachusetts-Amherst	03	21	@	@	@	@	@	@	@	@	@	@		@		x	@	@	@	@	@	@	@	@	@
U of Massachusetts-Boston	02	2					x								x										
U of Miami	04	15		@	@	@	@	@	@	@	@		@	@	@	@	@	@	@						
U of Michigan-Ann Arbor	03	11													x	@	x	x	x	x	@	@	@	@	@
U of Michigan-Dearborn	08	3										@	x					@							
U of Michigan-Flint	08	15	@		x	x	@		x	@	@	@	@	@	@	@	@	@	@						
U of Minnesota-Duluth	01	1													@										
U of Minnesota-Morris	08	6	x			x			x			x			@			x							
U of Minnesota-Twin Cities	02	1	x																						
U of Mississippi	01	4																				@	x	x	@
U of Missouri-Columbia	02	15	@	x	x	@	@	@	@	@	@	@									x	x	x	x	x
U of Missouri-Kansas City	01	19	@	@	@	@	x	@	x	x			x	@	x	x	@	@	@	x	@	@	@		
U of Missouri-Rolla	09	14	@	@			x		x	@		x			@	@	@		@		@	@	@	x	
U of Missouri-Saint Louis	01	20			x	x	x	x	x	x	@	x	x	x	x	@	x	@	@	@	@	@	@	x	
U of Nebraska-Lincoln	01	6																	x	x	x	x	x	@	
U of Nevada-Reno	01	6													@	x	x	x	@						@
U of New Hampshire	02	9		x			@							@		@	@					@	@	@	@
U of New Haven	11	2											@	x											
U of New Mexico	01	7							x		x										x	x	@	x	x
U of New Orleans	07	2																					@	x	
U of No. Carolina-Charlotte	08	1														@									
U of North Carolina-Chapel Hill	03	23	@	@	@	@	@	@	@	@	@	@	@	x	@	x	@	@	x	@	@	x	x	@	@
U of North Carolina-Greensboro	08	2	x	x																					
U of North Carolina-Wilmington	07	5					@				x	x	x	@											
U of North Dakota	02	22	@	@	@	@	@	@	@	@	@	x	@	@	@	x	@	@	x	x	x	@	@	@	
U of Northern Colorado	08	2																			@		x		
U of Northern Iowa	09	3							@					x	x										
U of Notre Dame	06	14	@	@	@	@		@	@	@	@	@			@	@	@	@	@						
U of Oregon	01	1												x											
U of Pennsylvania	06	15	@									x	x	x	@	x	x	x	@	x	x	x	@	@	@
U of Pittsburgh	02	11	@	x	x	x	@	@	x	x	x	x													@
U of Pittsburgh-Bradford	07	13	@	@	@	x	@	x	x	x	x	x	@	x		@									
U of Pittsburgh-Greensburg	27	9	@	@	@	@	@	@	@	@	@														
U of Pittsburgh-Johnstown	07	12	@	@	@	@	@	@			x	x	x	x	@				@						
U of Pittsburgh-Titusville	25	15	@	@	@	@	@	@	@	@	@		@	@	@	@	@			x					
U of Portland	04	5	x	x	x	x	x																		
U of Puerto Rico	01	3					x																	x	x
U of Redlands	22	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@
U of Rhode Island	01	7										x	@	@	@							x	x		@
U of Richmond	13	8						@	@	@	@	@	@	x	@										
U of Rochester	05	23	@	@	x	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
U of San Diego	17	18	@	x	@	@	@	@	@	@	@	@	x	@	@	@						x	@	@	@
U of San Francisco	18	2	x																	@					
U of Science & Arts of Oklahoma	07	1			x																				
U of Scranton	18	9				x						@	@	x	@	@	@	@	@						
U of South Carolina	01	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	x	@	@	@	@	@

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
U of South Carolina-Aiken	07	11	@					x	x	x	@	@	@			@	@	x	@						
U of South Carolina-Beaufort	25	1		x																					
U of South Carolina-Coastal Carolina Col	07	17	x	x	@	x	x	x	x	x	@	@	@	x	@		x	@	@	@					
U of South Carolina-Lancaster	25	8		@								@	x	x		@	@	@	@						
U of South Carolina-Salkehatchie	25	4	@	x							@								@						
U of South Carolina-Spartanburg	27	1																	@						
U of South Carolina-Sumter	25	1		x																					
U of South Carolina-Union	25	7	x	@									@	@	@			@	x						
U of South Dakota (SD)	02	1			x																				
U of South Dakota (SD)	07	4														x	@	@		@					
U of South Florida	07	3									@	@	@												
U of South Florida-New College	09	6	x	@	@	@											@	@							
U of Southern California	05	12	@	@	@	x	x	x			x		x	x	x	x	x								
U of Southern Colorado	07	3							x															@	@
U of Tampa	12	18		x	@	@	@	@	@	x	x	x					x	x	x	x	x	x	x	@	@
U of Tennessee-Chattanooga	08	2																	@	@					
U of Tennessee-Knoxville	01	19	x		x	@	x				@	@	@	@	@	@	x	@	x	x	x	x	@	@	@
U of Texas--Austin	02	1											x												
U of Texas-Arlington	07	1											@												
U of Toledo	01	1																		x					
U of Tulsa	04	10			x											x		x	x	x	x	x	@	x	@
U of Vermont	02	23	@	@	@	@	@	@	@	@	x	x	x	@	@	x	x	x	x	x	@	@	@	@	@
U of Virginia	03	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		x	@	@		@
U of Washington	03	4	x	x																				@	@
U of Wisconsin-Green Bay	08	1																	x						
U of Wisconsin-La Crosse	08	6														@					x	x	x	x	x
U of Wisconsin-Madison	03	1																							x
U of Wisconsin-Milwaukee	02	17	@	@	@	@	@	@	x			x	x	@	x	@	@	@	@	@					@
U of Wisconsin-Parkside	08	2													x	@									
U of Wisconsin-River Falls	07	1	x																						
U of Wisconsin-Superior	07	2													@	x									
U of Wisconsin-Whitewater	08	18	@	@	@	x	x	x	x	x	x	x	x	@	@					@	@	@	@	@	
U of Wyoming	01	6				x				x												@	@	@	@
Union College (KY)	20	1															@								
Union College (NE)	20	18				x	x	x	@		@	x	@	x	@	@	x	@	@	@	@	@	@	@	
Union College	14	15	@	x	@	x	@	@	@	@	@	@	@	@	x	@	@								
United States Air Force Academy	09	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
United States Coast Guard Academy	09	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
United States Military Academy	09	22	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
United States Naval Academy	09	18		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Unity College	11	5					x		x	x	@	@													
University College of Pace University	11	7		x			@				@		x		x		x				x				
Upsala College	22	10						x							x	x	x	@	@	@	x	@	@		
Urbana University	21	3													x	x	x								
Ursinus College	13	7	x	@	@				@	@	@	x													
Utah State University	01	2																						x	x
Utica College of Syracuse University	12	2														x	x								
Utica Junior College	34	11	x						@	@	@			@	@	x		@	@	@	@				
US Merchant Marine Academy	09	5										@	@		@	@		@							

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Valley Forge Military Junior College	30	13				●	●	×	●		●	●	●	●	●	●	●	●	●						
Valparaiso University	23	23	●	●	●	●	●	●	●	●	●	●	×	●	●	●	●	●	●	●	●	●	●	●	●
Vanderbilt University	06	23	●	●	●	×	●	●	●	●	×	×	×	●	●	×	×	×	×	●	●	●	●	●	●
Vassar College	14	23	×	×	●	●	●	×	×	×	×	×	×	×	●	●	●	●	●	×	●	●	●	●	●
Vermont Technical College	27	3	●	●	●																				
Victoria College	27	17			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
Villa Julie College	31	1										●													
Villa Maria College	16	1												●											
Villa Maria College of Buffalo	31	15	●	●	●								●	●	●	●	●	●	●	●	●	●	●	●	
Villanova University	05	9	●	●	●	●	●		●			●						●	●						
Vincennes University	29	5				●	●	●	●	●															
Virginia Commonwealth University	01	14						×	×	●	●	●	×	●	●	×	×	×		×	×	×			
Virginia Intermont College	20	2		●													×								
Virginia Military Institute	08	23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Virginia Polytechnic Inst and State U	02	21		●	●	●	×	×	×	×	●	×	●	●	×	●	●	●	●	●	●	×	●		×
Virginia State University	34	22	●	●	●	×	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	×	●	●	
Virginia Union University	35	16	●						×	×	●	×	×	●	●	●	●	×	×	●	●	●	●		
Virginia Wesleyan College	21	7	●	●	●	●	●	●	●																
Viterbo College	17	5													×	●	×	●	●						
Voorhees College (NY)	31	3																●	×		●				
Voorhees College (SC)	35	1														×									
Wabash College	13	12						●	●	●	●	●	●	●	●	×	●	●	●						
Wagner College	22	12	×	×	×	×	×	●	×	●	×	×	×	●											
Wake Forest University	05	4			●		●			●	●														
Waldorf College	32	3	●	●	×																				
Walla Walla College	21	3													●	×	●								
Walsh College	17	20	×	×	×	●	×	●	×	×	●	●	●	×	●	●	●	●	●	●	●	●			
Werner Pacific College	20	2										×	●												
Warren Wilson College	21	3															×	●	●						
Washburn University of Topeka	07	2																						×	●
Washington and Jefferson College	13	9	●	●	●	●	×	●	●	●	●														
Washington and Lee University	14	23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Washington College	13	11	●	●	●	●	●								×		×	×					×	●	●
Washington State University	02	10													×	×	×	×	×	×	×		●	●	●
Washington University	05	11										×	×	×	×	×		×	×	×			●	●	●
Wayland Baptist University	20	5																		●	●	×	×	●	
Wayne State University	01	6	●	×									×	×			×			●					
Waynesburg College	21	5										×	●					●	●	●					
Webb Institute of Naval Architecture	14	16					●	●	●	●	●	●	●	●	●	●	●	×	●	●		●	×		
Webber College	30	3																×	×	×					
Weber State College	07	1						×																	
Webster University	12	18	×	×	×	×	×	×	×	×	×	×	×	×	×	●	×	●	×	●					
Wellesley College	14	21	●	●	×	●	●	●	●	●	×	×	●	×	●	●	×	×	×	●			●	●	●
Wells College	13	7	●	×	●	×	×							●			×								
Wentworth Institute of Technology	32	16	●	●	×		×				●	●		×	●	×	×	●	●	●			●	●	●
Wesley College	11	1				×																			
Wesleyan College	21	18	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●				●	●	●
Wesleyan University	14	21	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
West Chester University	08	8	●		●		●		●		●	●	●							●					

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
West Los Angeles College	28	1															×								
West Virginia State College	07	17		×	×	×	×	×	×	×	×	●	●	●	●			×	×			●	●	×	
West Virginia University	01	7							●					×	×	●	●	×	×						
West Virginia Wesleyan College	21	1														●									
Westbrook College	12	2	×	×																					
Western Baptist College	24	1											×												
Western Carolina University	07	8													×	●	●	●	×	×	●	●			
Western Illinois University	08	21			×	×	×	×	×	×	×	×	×	●	×	×	●	●	●	●	●	●	●	●	●
Western New England College	11	23	×	×	×	×	×	●	●	●	●	×	●	●	×	×	×	×	●	●	×	×	●	×	●
Western New Mexico University	07	3		×								●	●												
Western Oregon State College	07	1				×																			
Western Washington University	09	4				●				●					●					×					
Western Wyoming College	27	9			×			×									×	●	●	×	×	●	×		
Westfield State College	08	4										×	●	●	●										
Westmar College	21	10	●	●	●				●	●	●	●					●	●	●						
Westminster College (MO)	22	16	●	●	●	●	●	●	●	●	●	●	●	●		●	×				●	●			
Westminster College (PA)	22	14	●	●	●	●	●	●	●	●	●	●	●					●	●	●					
Westminster College	21	3								×				×	×										
Westmont College	13	1	●																						
Wharton Community Junior College	28	21	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	
Wheaton College (IL)	13	6		●		●		●		●		●	●												
Wheaton College (MA)	13	22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
Wheeling Jesuit College	16	10	×	●	●	●	●						●		●	●	●	●							
Wheelock College	11	8	●					●	●	×	●	●	●	●											
Whitman College	13	23	●	●	×	●	×	●	×	×	×	×	×	×	●	●	●	●	●	●	●	●	●	●	●
Whittier College	13	16	●	●	●	●	●	●	●	×	●	●	●	●	●	●	●	●							
Whitworth College	12	4			●	●	●	×																	
Widener University	13	2														●	×								
Wilberforce University	35	8	●	●						×	●	●	●	●					×						
Wiley College	35	1	×																						
Wilkes College	13	7	●	●	●	●	●	●	×																
Willamette University	13	17	●	●	●	×	×	×	×	×	●	●	×	●	●	●	●	●	●						
William Carey College	20	13	×											×	×	×	×	×	×	×	×	×	●	●	●
William Jewell College	22	10	●	●	●	●	●	●	×	×	×	●													
William Paterson College	07	14	●	●	●	●	●	●	●	●	●	×	×	●	●	×									
Williams College	14	23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Williamsport Area Community College	29	7			●	●												●	●	×	×	●			
Willmar Community College	27	4									●	●	●			●									
Wilmington College	21	6	●	●	×	×	×	×																	
Wilson College	12	2								●			●												
Windham College	12	2														×							×		
Wingate College	11	22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Winston-Salem State University	34	19	●	×	●		×			×	●	●	●	●	●	●	●	●	×	●	×	●	●	●	
Winthrop College	07	2														●	●								
Wittenberg University	22	23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	×	●	●	●	●	●	●	●	●
Wofford College	21	18						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wood Junior College	31	9				×						×	●	●	●	●	●	●	●						
Woodbury University	11	5	×	×	×	×	×																		
Worcester Junior College	30	9												×	×			×		×	●	●	×	●	●
Worcester Polytechnic Institute	14	16	●	×	●	●	●	●	×	●	×	●	●	●	●	●	●	×							

Institution	Strat Cell	# of Years	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Worthington Community College	25	19			@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@		
Wytheville Community College	26	1													@										
Xavier University (LA)	35	16	×	×	×	×		@	@	@	×	@	@	@	@	@	@	×	@						
Xavier University (OH)	18	7				@										×	×	@	×	@		@			
Yale University	06	3																×	×	×					
Yankton College	11	8					@	×												@	×	×	@	@	@
Yeshiva University	06	1														×									
Yuba College	28	13								@	@	@	×	×	×	@	×	@	@	×	@	@			

Appendix E

Precision of the Normative Data and Their Comparisons

Appendix E

The Precision of the Normative Data and Their Comparisons

So far as *random* errors are concerned, the standard error of a categorical percentage is a function of that group and the number of participants (unweighted) in the norm group. Approximate standard errors are presented for various item response percentages, by size of the norm group, are presented in Table E-1. If one allows for finite sampling and stratification, values would be somewhat lower. Primarily, however, stratification ensures some sampling in all sectors of higher education and provides a basis in the weighting procedures for disproportionate sampling of institutions. In comparisons involving item response, standard error of the difference is approximately equal to the square root of the sum of shared sampling errors.

A potentially important source of error in the stratification sampling is the nonrepresentativeness of the samples within each stratification cell. Although reasonable precautions are taken to minimize known sources of systematic bias, the data are subject to some unknown degree of constant and nonrandom sampling errors. A participating institution must be cautious when it compares its own summary data with the data for the corresponding national norms group, especially when the institution is small or when the campus has not surveyed all its entering freshmen.

While comparisons of data since 1975 with earlier published national norms from the first nine freshmen survey reports (1966-1974) are possible, it is recommended that such comparisons not be done until the publication of a revised set of norms for these earlier years that are based on the stratification scheme employed since 1975. Those who wish to compare the pre- and post-1975 data before the revised norms are available should keep in mind the following considerations:

1. In addition to the revised selectivity measures introduced in 1975, major changes in the stratification and weighting procedures were introduced in 1968 (the addition of cells for black colleges and the use of selectivity levels) and again in 1971 (the addition of cells for public and private universities, public and private black colleges, and the use of size in the stratification scheme for two-year institutions).

2. The *exact* wording of items on the survey instrument and norms reports should be examined carefully since certain items may not be comparable because of minor word changes over the course of the survey. Minor changes can and do affect the comparability of items on the questionnaire.

3. While every effort has been made to maximize the comparability of the institutional sample from year-to-year (repeat participation runs about 90 percent), comparability is reduced somewhat by (a) non-repeat participation, and (b) year-to-year variation in the quality of data collected by continuing institutional participants.

Table E-1

Standard Errors of Categorical Response Percentages for Norms Groups of Various Sizes[a]

Number of Actual Participants in a Norms Group[b]	Standard Error			
	1% or 99%	10% or 90%	25% or 75%	50%
2,500	.199	.600	.866	1.000
5,000	.141	.424	.612	.707
7,500	.115	.347	.500	.577
10,000	.100	.300	.433	.500
25,000	.063	.190	.274	.316
50,000	.044	.134	.194	.224
75,000	.036	.110	.158	.183
100,000	.031	.095	.137	.158
150,000	.026	.077	.112	.129
175,000	.024	.071	.104	.120

[a] Assumes simple random sampling of students from an infinite population.

[b] To determine 1988 population counts, please refer to Table A-3, column 2.

Appendix F

Sample Profile Report Provided to Participating Campuses

Cooperative Institutional Research Program

conducted jointly by the
American Council on Education and the University of California, Los Angeles
SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1988)

ACME COLLEGE

TOTAL FIRST-TIME FULL-TIME

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ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	TOTAL FIRST-TIME FULL-TIME FEMALE	TOTAL FIRST-TIME FULL-TIME TOTAL	2YR PUBLIC COLLEGES MALE	2YR PUBLIC COLLEGES FEMALE	2YR PUBLIC COLLEGES TOTAL	ALL 2-YEAR COLLEGES MALE	ALL 2-YEAR COLLEGES FEMALE	ALL 2-YEAR COLLEGES TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
NUMBER OF STUDENTS (4)	231.	50.2	49.8	100.0	45.0	55.0	100.0	44.3	55.7	100.0
YEAR GRADUATED FROM HIGH SCHOOL	227.									
1988		85.1	90.3	87.7	86.8	85.3	85.9	87.3	86.5	86.8
1987		9.6	7.1	8.4	4.6	3.0	3.7	4.6	3.0	3.7
1986		0.9	0.0	0.4	1.5	1.5	1.5	1.5	1.4	1.4
1985 OR EARLIER		2.6	0.9	1.8	3.9	5.3	4.6	3.6	4.7	4.2
H.S. EQUIVALENCY (G.E.D. TEST)		0.9	0.9	0.9	3.1	4.5	3.8	2.9	4.0	3.5
NEVER COMPLETED HIGH SCHOOL		0.9	0.9	0.9	0.3	0.5	0.4	0.2	0.5	0.4
AGE ON DECEMBER 31, 1988	227.									
16 OR YOUNGER		0.0	0.9	0.4	0.1	0.2	0.2	0.1	0.2	0.1
17		3.5	2.6	3.1	2.4	3.3	2.9	2.3	3.2	2.8
18		66.4	73.7	70.0	65.6	68.7	67.3	65.2	69.1	67.4
19		23.0	20.2	21.6	20.6	15.3	17.7	21.6	16.1	18.5
20		3.5	1.7	2.6	3.7	2.4	3.0	3.8	2.4	3.0
21-24		0.9	0.0	0.4	4.5	3.4	3.9	4.2	3.1	3.6
25-29		1.8	0.0	0.9	1.4	2.5	2.0	1.3	2.2	1.8
30-39		0.9	0.0	0.4	1.1	3.3	2.3	1.0	2.9	2.1
40-54		0.0	0.9	0.4	0.4	0.8	0.6	0.4	0.7	0.6
55 OR OLDER		0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1
RACIAL BACKGROUND (1)(2)	230.									
WHITE/CAUCASIAN		87.0	84.3	85.7	85.6	80.8	83.0	85.6	81.7	83.4
BLACK/NEGRO/AFRO-AMERICAN		1.7	0.0	0.9	5.3	8.4	7.0	5.9	8.1	7.1
AMERICAN INDIAN		0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7
ASIAN-AMERICAN/ORIENTAL		2.6	1.7	2.2	2.2	1.8	1.9	2.1	1.7	1.9
MEXICAN-AMERICAN/CHICANO		6.7	13.3	10.0	1.7	2.7	2.2	1.6	2.6	2.1
PUERTO RICAN-AMERICAN		0.9	0.0	0.4	2.5	3.5	3.1	2.3	3.2	2.8
OTHER		1.7	4.3	3.0	3.2	3.3	3.2	3.1	3.1	3.1
AVERAGE HIGH SCHOOL GRADES	230.									
A OR A+		0.9	2.6	1.7	3.8	5.8	4.9	3.6	5.5	4.7
A-		4.3	7.8	6.1	6.0	8.7	7.5	5.8	8.2	7.1
B+		13.9	22.6	18.3	14.3	19.0	16.9	13.6	18.0	16.1
B		25.2	27.0	26.1	25.6	30.0	28.0	25.0	29.1	27.3
B-		21.7	17.4	19.6	19.0	16.0	17.3	18.8	16.1	17.3
C+		18.3	12.2	15.2	17.8	13.1	15.2	18.4	14.2	16.0
C		13.9	9.6	11.7	12.7	7.0	9.5	13.8	8.4	10.8
D		1.7	0.9	1.3	0.9	0.5	0.6	1.1	0.6	0.8
HAVE MET OR EXCEEDED RECOMMENDED YEARS OF STUDY IN (3)										
ENGLISH (4 YEARS)	229.	81.6	87.0	84.3	92.2	91.9	92.0	92.4	92.3	92.3
MATHEMATICS (3 YEARS)	229.	87.7	74.8	81.2	88.3	83.9	85.9	88.4	84.3	86.2
FOREIGN LANGUAGE (2 YEARS)	227.	79.5	73.9	76.7	71.5	72.0	71.8	70.4	71.8	71.2
PHYSICAL SCIENCE (2 YEARS)	228.	50.0	39.5	44.7	50.2	38.4	43.7	49.7	37.8	43.0
BIOLOGICAL SCIENCE (2 YEARS)	226.	32.7	33.6	33.2	29.3	32.4	31.0	29.4	32.2	30.9
HISTORY/AMERICAN GOV'T (1 YEAR)	225.	98.2	98.2	98.2	98.8	98.4	98.6	98.8	98.4	98.6
COMPUTER SCIENCE (1/2 YEAR)	222.	59.3	49.1	54.1	62.1	51.0	56.0	61.2	50.3	55.1
ART OR MUSIC (1 YEAR)	225.	63.1	63.2	63.1	65.5	70.8	68.4	64.9	70.6	68.1

Cooperative Institutional Research Program
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ACME COLLEGE

SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1988)

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME			2YR PUBLIC COLLEGES			ALL 2-YEAR COLLEGES		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
ESTIMATED PARENTAL INCOME	214.									
LESS THAN $6,000		1.8	2.9	2.3	4.7	6.9	5.9	4.6	6.4	5.6
$6,000 - $9,999		0.0	1.9	0.9	2.9	4.7	3.9	2.8	4.6	3.8
$10,000 - $14,999		0.0	6.7	3.3	5.3	7.9	6.7	5.3	7.8	6.7
$15,000 - $19,999		3.6	4.8	4.2	5.7	7.3	6.6	5.7	7.3	6.6
$20,000 - $24,999		2.7	1.9	2.3	7.5	8.7	8.1	7.5	8.6	8.1
$25,000 - $29,999		4.5	2.9	3.7	8.2	8.6	8.4	8.1	8.5	8.3
$30,000 - $34,999		4.5	8.7	6.5	11.1	10.0	10.5	10.8	9.9	10.3
$35,000 - $39,999		7.3	3.8	5.6	10.7	9.6	10.1	10.5	9.4	9.9
$40,000 - $49,999		15.5	11.5	13.6	13.4	12.1	12.7	13.2	11.9	12.5
$50,000 - $59,999		16.4	14.4	15.4	12.0	10.1	10.9	11.7	10.0	10.8
$60,000 - 74,999		15.5	16.3	15.9	8.4	7.1	7.7	8.6	7.3	7.9
$75,000 - 99,999		12.7	10.6	11.7	5.5	3.8	4.6	5.8	4.1	4.9
$100,000 - 149,999		10.9	7.7	9.3	2.8	1.9	2.4	3.1	2.4	2.7
$150,000 OR MORE		4.5	5.8	5.1	1.7	1.4	1.6	2.1	2.0	2.1
STATUS OF PARENTS	229.									
LIVING WITH EACH OTHER		75.9	68.1	72.1	74.9	67.4	70.7	74.5	67.9	70.8
DIVORCED OR SEPARATED		21.6	24.8	23.1	19.6	24.2	22.1	20.0	24.0	22.2
ONE OR BOTH DECEASED		2.6	7.1	4.8	5.5	8.4	7.1	5.5	8.0	6.9
NUMBER OF OLDER BROTHERS	186.									
NONE		50.5	44.0	47.2	52.5	45.1	48.5	52.3	45.3	48.4
ONE		36.8	28.6	32.8	31.1	34.5	33.0	31.1	34.6	33.1
TWO		4.2	18.7	11.3	10.0	12.0	11.1	10.1	12.0	11.2
THREE OR MORE		8.4	8.8	8.6	6.4	8.4	7.5	6.5	8.1	7.4
NUMBER OF OLDER SISTERS	179.									
NONE		54.4	55.1	54.7	52.4	49.4	50.7	52.1	49.6	50.7
ONE		28.9	34.8	31.8	31.5	32.1	31.9	31.6	32.1	31.9
TWO		15.6	6.7	11.2	9.6	11.4	10.6	9.8	11.3	10.7
THREE OR MORE		1.1	3.4	2.2	6.5	7.0	6.8	6.5	7.0	6.7
NUMBER OF YOUNGER BROTHERS	175.									
NONE		60.2	62.2	61.1	55.0	50.7	52.6	55.1	51.5	53.1
ONE		25.8	28.0	26.9	32.9	36.0	34.6	33.0	35.8	34.6
TWO		7.5	9.8	8.6	8.4	10.2	9.4	8.4	9.8	9.2
THREE OR MORE		6.5	0.0	3.4	3.7	3.1	3.4	3.5	3.0	3.2
NUMBER OF YOUNGER SISTERS	177.									
NONE		53.8	56.0	54.8	54.7	53.6	54.1	55.0	54.3	54.6
ONE		35.5	33.3	34.5	35.2	34.5	34.8	35.1	34.0	34.5
TWO		7.5	8.3	7.9	7.8	8.4	8.2	7.7	8.2	8.0
THREE OR MORE		3.2	2.4	2.8	2.3	3.5	3.0	2.3	3.4	2.9
TWIN STATUS	226.									
NO		97.3	99.1	98.2	98.2	98.1	98.1	98.2	98.1	98.1
YES - IDENTICAL		1.8	0.9	1.3	0.8	0.9	0.9	0.8	0.9	0.9
YES - FRATERNAL		0.9	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0

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TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME			2YR PUBLIC COLLEGES			ALL 2-YEAR COLLEGES		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
ACTIVITIES ENGAGED IN BY STUDENT DURING THE PAST YEAR										
ATTENDED A RELIGIOUS SERVICE....	229.	68.4	75.7	72.1	76.0	82.2	79.4	76.5	82.7	80.0
CHEATED ON A TEST IN SCHOOL......	229.	41.2	43.5	42.4	37.7	33.9	35.6	38.2	34.0	35.9
COPIED HOMEWORK FROM OTHER STDNT	230.	59.1	52.2	55.7	56.6	52.8	54.5	56.9	53.2	54.8
DID EXTRA CLASS WORK/READING (4)	228.	6.2	13.0	9.6	7.2	11.4	9.5	7.2	11.4	9.6
DIDN'T COMPLETE HOMEWORK ON TIME	228.	81.4	73.9	77.6	71.5	61.2	65.8	72.4	62.4	66.8
DISCUSSED POLITICS (4)...........	229.	32.5	27.0	29.7	14.9	10.5	12.5	15.0	10.8	12.6
DISCUSSED RELIGION (4)...........	227.	23.2	17.4	20.3	13.5	17.7	15.8	13.8	18.6	16.5
DISCUSSED SEX (4)................	229.	37.7	24.3	31.0	31.8	24.0	27.5	32.2	24.1	27.7
DISCUSSED SPORTS (4).............	228.	60.5	31.6	46.1	53.3	25.4	37.8	54.3	26.2	38.5
DRANK BEER.......................	228.	70.8	53.9	62.3	72.6	60.6	66.0	72.5	60.4	65.7
DRANK WINE OR LIQUOR.............	228.	54.4	62.3	58.3	60.7	68.5	65.0	60.8	68.3	65.0
FELT DEPRESSED (4)...............	230.	11.3	20.0	15.7	7.3	12.4	10.1	7.3	12.9	10.5
FELT OVERWHELMED (4).............	229.	20.2	36.5	28.4	12.3	19.4	16.2	12.7	20.7	17.2
PARTICIPATED IN DEMONSTRATIONS..	228.	26.3	28.9	27.6	31.0	35.9	33.7	31.7	37.2	34.8
SMOKED CIGARETTES (4)............	229.	12.3	10.4	11.4	11.1	16.2	14.0	11.1	16.5	14.1
SPOKE OTHER LANGUAGE AT HOME (4)	229.	4.4	7.0	5.7	7.5	8.4	8.0	7.5	8.1	7.9
STAYED UP ALL NIGHT..............	229.	74.6	80.9	77.7	80.0	78.5	79.2	80.3	79.0	79.6
STUDIED WITH OTHER STUDENTS......	227.	81.4	85.1	83.3	80.9	83.3	82.2	81.3	84.1	82.9
TUTORED ANOTHER STUDENT..........	229.	40.4	32.2	36.2	35.4	37.3	36.5	34.8	36.1	35.6
USED A PERSONAL COMPUTER (4).....	230.	27.8	25.2	26.5	25.6	21.3	23.2	25.2	21.4	23.1
WAS A GUEST IN TEACHER'S HOME...	230.	15.7	15.7	15.7	25.3	25.7	25.5	26.3	26.9	26.6
WAS BORED IN CLASS...............	229.	96.5	95.7	96.1	88.7	88.3	88.5	89.1	89.0	89.0
WON VARSITY LETTER IN SPORTS....	227.	43.6	33.3	38.3	43.1	31.2	36.6	45.0	32.6	38.0
WORKED IN POLITICAL CAMPAIGN....	228.	8.0	3.5	5.7	5.6	5.6	5.6	5.7	5.9	5.8
RACIAL COMP. OF HIGH SCHOOL	231.									
COMPLETELY WHITE.................		2.6	1.7	2.2	17.2	15.2	16.1	17.0	15.2	16.0
MOSTLY WHITE.....................		69.0	77.4	73.2	59.7	56.6	58.0	59.8	56.5	57.9
HALF WHITE.......................		23.3	13.9	18.6	16.1	20.0	18.3	16.4	20.3	18.6
MOSTLY NON-WHITE.................		5.2	7.0	6.1	4.7	6.1	5.5	4.7	6.0	5.4
COMPLETELY NON-WHITE.............		0.0	0.0	0.0	2.3	2.1	2.2	2.2	2.0	2.1
RACIAL COMP. OF NEIGHBORHOOD	220.									
COMPLETELY WHITE.................		31.2	26.1	28.6	43.6	42.9	43.2	43.5	43.5	43.5
MOSTLY WHITE.....................		54.1	68.5	61.4	41.5	39.3	40.3	41.4	39.2	40.1
HALF WHITE.......................		11.0	3.6	7.3	6.2	5.5	5.8	6.3	5.6	5.9
MOSTLY NON-WHITE.................		3.7	0.9	2.3	4.8	7.3	6.2	4.8	6.9	6.0
COMPLETELY NON-WHITE.............		0.0	0.9	0.5	3.9	4.9	4.5	4.0	4.8	4.5
NUMBER OF HONORS COURSES TAKEN IN HIGH SCHOOL	216.									
NONE.............................		61.8	63.2	62.5	64.8	65.1	65.0	65.3	65.8	65.6
ONE..............................		16.4	17.9	17.1	11.3	11.1	11.2	11.5	11.2	11.3
TWO OR MORE......................		21.8	18.9	20.4	23.9	23.8	23.9	23.2	23.0	23.1
NUMBER OF ADVANCED PLACEMENT COURSES TAKEN IN HS	194.									
NONE.............................		61.5	78.6	70.1	73.1	77.2	75.3	73.3	77.4	75.6
ONE..............................		24.0	12.2	18.0	14.4	11.7	12.9	14.4	11.7	12.9
TWO OR MORE......................		14.6	9.2	11.9	12.5	11.1	11.7	12.4	10.9	11.6

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ACME COLLEGE

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME			2YR PUBLIC COLLEGES			ALL 2-YEAR COLLEGES		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
STUDENT RATED SELF ABOVE AVERAGE OR HIGHEST 10% IN										
ACADEMIC ABILITY	230.	55.7	44.3	50.0	43.7	33.3	37.9	42.7	32.6	37.0
ARTISTIC ABILITY	229.	35.1	23.5	29.3	25.0	18.1	21.2	25.2	18.6	21.5
COMPETITIVENESS	230.	73.9	42.6	58.3	59.5	34.1	45.4	59.8	34.4	45.6
DRIVE TO ACHIEVE	229.	57.0	58.3	57.6	57.2	50.5	53.5	57.5	50.5	53.6
EMOTIONAL HEALTH	228.	60.2	56.5	58.3	56.9	43.2	49.3	57.1	43.5	49.5
LEARN FOREIGN LANGUAGES	229.	26.3	30.4	28.4	20.3	26.8	23.9	19.8	25.9	23.2
LEADERSHIP ABILITY	228.	58.8	43.9	51.3	49.0	36.8	42.2	49.1	37.3	42.5
MATHEMATICAL ABILITY	229.	39.5	24.3	31.9	39.0	23.3	30.3	38.3	22.7	29.6
PHYSICAL HEALTH	228.	64.6	47.8	56.1	64.6	42.8	52.5	65.1	43.3	52.9
POPULARITY	228.	47.8	38.3	43.0	45.1	30.1	36.8	45.4	30.7	37.2
POPULARITY WITH OPPOSITE SEX	229.	48.2	45.2	46.7	43.9	30.7	36.6	44.4	31.2	37.0
PUBLIC SPEAKING ABILITY	228.	31.0	24.3	27.6	23.8	19.6	21.4	23.8	19.9	21.6
SELF-CONFIDENCE (INTELLECTUAL)	228.	59.6	42.1	50.9	48.5	30.9	38.8	48.4	30.9	38.6
SELF-CONFIDENCE (SOCIAL)	228.	60.8	44.7	52.6	43.5	33.7	38.1	44.1	34.0	38.4
WRITING ABILITY	228.	45.1	38.3	41.7	28.5	30.1	29.4	28.3	30.3	29.4
PRIOR CREDIT AT THIS INSTITUTION	230.									
NO		88.8	89.5	89.1	96.3	95.4	95.8	96.4	95.3	95.8
YES		11.2	10.5	10.9	3.7	4.6	4.2	3.6	4.7	4.2
THIS COLLEGE IS STUDENT'S	231.									
FIRST CHOICE		51.7	58.3	55.0	70.2	70.4	70.3	69.5	69.6	69.5
SECOND CHOICE		22.4	21.7	22.1	19.9	20.9	20.4	20.4	21.6	21.1
THIRD CHOICE		5.2	4.3	4.8	5.3	4.8	5.0	5.5	5.1	5.3
LESS THAN THIRD CHOICE		20.7	15.7	18.2	4.6	3.9	4.2	4.6	3.7	4.1
NUMBER OF OTHER COLLEGES APPLIED TO FOR ADMISSION THIS YEAR	220.									
NONE		71.8	70.0	70.9	44.1	46.8	45.6	42.4	44.7	43.7
ONE		9.1	13.6	11.4	14.6	16.5	15.7	14.7	16.6	15.8
TWO		11.8	4.6	8.2	15.7	14.3	14.9	15.9	14.9	15.3
THREE		4.6	9.1	6.8	12.3	11.1	11.6	13.1	11.8	12.4
FOUR		2.7	2.7	2.7	7.0	5.6	6.2	7.4	5.9	6.5
FIVE		0.0	0.0	0.0	3.0	3.0	3.0	3.2	3.2	3.2
SIX OR MORE		0.0	0.0	0.0	3.3	2.8	3.0	3.3	3.0	3.1
NUMBER OF OTHER COLLEGE ACCEPTANCES THIS YEAR (S)	84.									
NONE		47.6	33.3	40.5	27.9	26.5	27.2	26.8	25.6	26.1
ONE		31.0	26.2	28.6	30.2	32.7	31.5	30.3	32.7	31.6
TWO		9.5	21.4	15.5	23.2	21.6	22.3	23.5	21.8	22.6
THREE		9.5	19.0	14.3	11.8	12.2	12.0	12.2	12.7	12.4
FOUR		2.4	0.0	1.2	4.3	4.6	4.5	4.4	4.6	4.5
FIVE		0.0	0.0	0.0	1.6	1.5	1.5	1.6	1.6	1.6
SIX OR MORE		0.0	0.0	0.0	1.1	0.9	1.0	1.2	0.9	1.1
STUDENT NATIVE ENGLISH SPEAKER?	219.									
YES		98.2	96.3	97.3	93.1	92.5	92.8	93.3	92.8	93.0
NO		1.8	3.7	2.7	6.9	7.5	7.2	6.7	7.2	7.0

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ACME COLLEGE

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	TOTAL FIRST-TIME FULL-TIME FEMALE	TOTAL FIRST-TIME FULL-TIME TOTAL	2YR PUBLIC COLLEGES MALE	2YR PUBLIC COLLEGES FEMALE	2YR PUBLIC COLLEGES TOTAL	ALL 2-YEAR COLLEGES MALE	ALL 2-YEAR COLLEGES FEMALE	ALL 2-YEAR COLLEGES TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
HOURS PER WEEK IN THE LAST YEAR SPENT ON										
NONE										
STUDYING OR DOING HOMEWORK.......	225.	3.6	0.9	2.2	2.8	1.1	1.9	2.8	1.1	1.9
SOCIALIZING WITH FRIENDS.........	217.	1.9	0.9	1.4	0.2	0.7	0.5	0.3	0.7	0.5
TALKING W/TEACHER OUTSIDE CLASS.	209.	15.7	15.0	15.3	11.9	8.5	10.0	11.7	8.0	9.7
EXERCISING OR SPORTS.............	221.	4.6	4.5	4.5	3.4	6.3	5.0	3.4	6.3	5.0
PARTYING.........................	224.	17.3	22.8	20.1	11.6	14.3	13.1	11.6	14.4	13.2
WORKING (FOR PAY)................	223.	21.1	18.4	19.7	18.8	24.4	21.9	18.9	24.2	21.9
VOLUNTEER WORK...................	222.	71.8	67.9	69.8	60.4	60.2	60.3	60.2	59.9	60.0
STUDENT CLUBS AND GROUPS.........	223.	71.8	48.7	60.1	47.9	34.1	40.2	47.6	33.1	39.4
WATCHING TV......................	225.	3.6	7.0	5.3	4.3	3.6	3.9	4.4	3.8	4.1
HOBBIES..........................	225.	9.0	12.3	10.7	7.3	12.1	10.0	7.5	11.7	9.8
SIX OR MORE HOURS										
STUDYING OR DOING HOMEWORK.......	225.	21.6	32.5	27.1	31.1	38.8	35.3	30.9	39.3	35.6
SOCIALIZING WITH FRIENDS.........	217.	79.6	70.6	75.1	76.4	73.7	74.9	76.8	74.2	75.3
TALKING W/TEACHER OUTSIDE CLASS.	209.	8.5	8.8	8.6	8.8	9.2	9.0	8.9	9.7	9.3
EXERCISING OR SPORTS.............	221.	48.6	26.8	37.6	55.6	34.1	43.7	56.6	34.7	44.3
PARTYING.........................	224.	37.2	25.4	31.3	37.6	35.7	36.6	38.3	35.8	36.9
WORKING (FOR PAY)................	223.	71.6	67.5	69.5	70.1	64.7	67.1	69.8	64.9	67.0
VOLUNTEER WORK...................	222.	2.7	5.4	4.1	5.3	5.3	5.3	5.3	5.3	5.3
STUDENT CLUBS AND GROUPS.........	223.	9.0	9.7	9.4	9.5	13.9	11.9	9.4	14.0	12.0
WATCHING TV......................	225.	41.4	26.3	33.8	36.5	31.0	33.4	36.5	31.0	33.4
HOBBIES..........................	225.	39.6	19.3	29.3	33.7	22.6	27.4	34.1	23.1	27.9
SIXTEEN OR MORE HOURS										
STUDYING OR DOING HOMEWORK.......	225.	1.8	5.3	3.6	3.7	5.7	4.8	3.6	5.6	4.8
SOCIALIZING WITH FRIENDS.........	217.	29.6	26.8	27.2	36.1	33.0	34.4	36.5	33.5	34.8
TALKING W/TEACHER OUTSIDE CLASS.	209.	0.0	1.9	1.0	1.5	2.1	1.8	1.6	2.1	1.9
EXERCISING OR SPORTS.............	221.	22.0	6.3	14.0	21.1	8.6	14.2	21.9	9.0	14.7
PARTYING.........................	224.	15.5	2.6	8.9	12.0	8.3	10.0	12.2	8.4	10.1
WORKING (FOR PAY)................	223.	55.0	50.0	52.5	48.3	42.2	44.9	48.1	42.0	44.7
VOLUNTEER WORK...................	222.	0.0	0.9	0.5	1.6	1.2	1.4	1.6	1.3	1.4
STUDENT CLUBS AND GROUPS.........	223.	0.0	0.9	0.4	2.4	3.2	2.9	2.4	3.3	2.9
WATCHING TV......................	225.	9.0	6.1	7.6	9.0	6.8	7.8	9.1	6.8	7.8
HOBBIES..........................	225.	14.4	5.3	9.8	9.5	5.5	7.3	9.7	5.6	7.4
DISABILITIES	231.									
NONE.............................		85.3	95.7	90.5	78.7	82.2	80.6	79.2	82.7	81.1
HEARING..........................		0.9	0.9	0.9	1.0	0.7	0.9	1.1	0.8	0.9
SPEECH...........................		0.0	0.0	0.0	0.3	0.4	0.4	0.4	0.3	0.4
ORTHOPEDIC.......................		0.9	0.0	0.4	0.9	1.3	1.1	1.0	1.3	1.1
LEARNING DISABILITY..............		0.0	0.0	0.0	1.4	0.7	1.0	1.7	1.1	1.4
HEALTH-RELATED...................		0.9	1.7	1.3	1.2	1.6	1.4	1.2	1.6	1.4
PARTIALLY SIGHTED OR BLIND.......		4.3	0.9	2.6	1.9	1.5	1.7	1.9	1.6	1.7
OTHER............................		1.7	0.0	0.9	1.4	1.6	1.5	1.4	1.7	1.6
U.S. CITIZEN?	225.									
YES..............................		98.2	99.1	98.7	96.7	96.0	96.3	96.7	96.2	96.4
PERMANENT RESIDENT...............		1.8	0.0	0.9	1.1	2.0	1.6	1.0	1.8	1.5
NO...............................		0.0	0.9	0.4	2.2	2.0	2.1	2.2	2.0	2.1

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		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
HIGHEST DEGREE PLANNED ANYWHERE	213.									
NONE		1.8	2.9	2.3	2.6	2.9	2.8	2.7	2.9	2.8
VOCATIONAL CERTIFICATE		0.0	0.0	0.0	0.8	1.6	1.3	0.8	1.5	1.2
ASSOCIATE (A.A. OR EQUIVALENT)		0.9	5.8	3.3	8.7	10.9	9.9	8.4	10.6	9.6
BACHELOR'S (B.A., B.S.)		28.4	32.7	30.5	45.5	41.3	43.2	45.4	41.0	43.0
MASTER'S (M.A., M.S.)		46.8	33.7	40.4	28.9	29.1	29.0	29.3	29.6	29.5
PH.D. OR ED.D.		12.8	8.7	10.8	6.4	5.8	6.1	6.5	6.0	6.2
M.D., D.O., D.D.S., D.V.M.		2.8	3.8	3.3	2.6	3.4	3.0	2.5	3.3	2.9
LL.B. OR J.D. (LAW)		3.7	7.7	5.6	2.4	2.9	2.7	2.4	2.8	2.6
B.D. OR M.DIV. (DIVINITY)		0.9	1.0	0.9	0.4	0.3	0.3	0.5	0.3	0.4
OTHER		1.8	3.8	2.8	1.7	1.8	1.7	1.7	1.9	1.8
HIGHEST DEGREE PLANNED AT FRESHMAN COLLEGE	146.									
NONE		12.8	10.3	11.6	6.2	7.2	6.7	6.0	6.8	6.5
VOCATIONAL CERTIFICATE		2.6	[illegible]	3.4	1.7	2.1	1.9	1.7	2.0	1.9
ASSOCIATE (A.A. OR EQUIVALENT)		73.5	75.0	[illegible]	39.8	44.2	42.1	40.5	46.8	44.0
BACHELOR'S (B.A., B.S.)		9.0	[illegible]	7.5	40.4	34.8	37.2	39.5	33.0	35.9
MASTER'S (M.A., M.S.)		2.6	[illegible]	1.4	8.2	7.2	7.7	8.2	6.7	7.4
PH.D. OR ED.D.		0.0	[illegible]	[illegible]	1.0	1.0	1.0	1.0	0.9	1.0
M.D., D.O., D.D.S., D.V.M.		0.8	2.9	[illegible]	0.3	0.4	0.3	0.3	0.3	0.3
LL.B. OR J.D. (LAW)		0.0	0.0	0.0	0.7	0.6	0.7	0.7	0.6	0.6
B.D. OR M.DIV. (DIVINITY)		[illegible]	5.0	[illegible]	0.1	0.0	0.1	0.2	0.1	0.1
OTHER		[illegible]	5.5	[illegible]	1.9	2.8	2.4	2.0	2.8	2.4
STUDENT'S RELIGIOUS PREFERENCE	214.									
BAPTIST		[illegible]	[illegible]	[illegible]	9.1	10.9	10.1	10.5	12.4	11.6
BUDDHIST		[illegible]	[illegible]	[illegible]	0.5	0.1	0.3	0.5	0.2	0.3
CONGREGATIONAL		[illegible]	[illegible]	[illegible]	0.9	0.9	0.9	1.0	1.0	1.0
EASTERN ORTHODOX		[illegible]	[illegible]	[illegible]	0.8	0.5	0.6	0.8	0.5	0.6
EPISCOPAL		[illegible]	[illegible]	[illegible]	1.3	1.9	1.6	1.5	2.2	1.9
ISLAMIC		0.0	[illegible]	0.0	0.4	0.3	0.3	0.4	0.3	0.3
JEWISH		[illegible]	[illegible]	2.8	3.2	2.5	2.8	3.1	2.6	2.8
LDS (MORMON)		[illegible]	1.9	2.3	0.2	0.2	0.2	0.2	0.2	0.2
LUTHERAN		[illegible]	[illegible]	1.9	5.4	5.6	5.5	5.6	6.1	5.9
METHODIST		0.9	[illegible]	2.3	7.7	9.2	8.5	7.8	9.5	8.7
PRESBYTERIAN		[illegible]	[illegible]	5.1	3.9	2.9	3.3	3.9	3.2	3.5
QUAKER		0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2
ROMAN CATHOLIC		27.4	33.3	30.4	45.0	46.3	45.8	43.3	43.6	43.5
SEVENTH-DAY ADVENTIST		0.9	2.8	1.9	0.4	0.6	0.5	0.4	0.5	0.5
OTHER PROTESTANT		7.5	13.9	10.7	5.4	3.8	4.5	5.2	3.7	4.4
OTHER RELIGION		5.7	8.3	7.0	4.3	6.9	5.8	4.6	6.9	5.9
NONE		25.5	12.0	18.7	11.4	7.3	9.1	11.1	7.1	8.8
STUDENT BORN-AGAIN CHRISTIAN	218.									
NO		69.4	63.6	66.5	81.9	78.0	79.8	80.5	76.3	78.2
YES		30.6	36.4	33.5	18.1	22.0	20.2	19.5	23.7	21.8

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TOTAL FIRST-TIME FULL-TIME

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		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
PROBABLE MAJOR FIELD OF STUDY										
ARTS AND HUMANITIES	210.									
ARTS...........................		3.8	1.9	2.9	1.3	1.0	1.1	1.5	1.7	1.6
ENGLISH........................		0.0	1.0	0.5	0.4	0.7	0.6	0.4	0.7	0.6
HISTORY........................		2.8	0.0	1.4	0.3	0.2	0.2	0.3	0.2	0.2
JOURNALISM.....................		3.8	1.9	2.9	0.5	1.1	0.8	0.5	1.2	0.9
LANGUAGE OR LITERATURE..........		0.9	1.0	1.0	0.1	0.5	0.4	0.1	0.5	0.3
MUSIC..........................		0.0	1.9	1.0	0.5	0.3	0.4	0.8	0.6	0.7
PHILOSOPHY.....................		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1
SPEECH.........................		0.0	1.9	1.0	0.0	0.1	0.1	0.0	0.1	0.1
THEATER OR DRAMA................		0.9	1.9	1.4	0.4	0.5	0.4	0.4	0.5	0.4
THEOLOGY OR RELIGION............		0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
OTHER HUMANITIES................		0.0	1.0	0.5	0.5	1.5	1.0	0.5	1.4	1.0
BIOLOGICAL SCIENCES										
GENERAL BIOLOGY.................		0.9	1.0	1.0	1.0	0.9	0.9	1.0	0.8	0.9
BIOCHEMISTRY OR BIOPHYSICS.......		0.0	0.0	0.0	0.4	0.2	0.3	0.3	0.2	0.2
BOTANY.........................		0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1
MARINE (LIFE) SCIENCE...........		1.9	0.0	1.0	0.4	0.3	0.3	0.4	0.2	0.3
MICROBIOLOGY OR BACTERIOLOGY....		0.9	0.0	0.5	0.3	0.2	0.2	0.2	0.2	0.2
ZOOLOGY........................		0.9	0.0	0.5	0.3	0.3	0.3	0.3	0.3	0.3
OTHER BIOLOGICAL SCIENCES.......		0.0	0.0	0.0	0.6	0.5	0.5	0.6	0.5	0.5
BUSINESS										
ACCOUNTING.....................		4.7	6.7	5.7	5.8	7.9	6.9	5.4	7.2	6.4
BUSINESS ADMINISTRATION.........		7.5	3.8	5.7	8.7	8.7	8.7	8.9	8.3	8.6
FINANCE........................		5.7	0.0	2.9	2.2	0.7	1.4	2.1	0.7	1.3
MARKETING......................		2.8	4.8	3.8	2.2	1.9	2.0	2.2	2.2	2.2
MANAGEMENT.....................		4.7	2.9	3.8	6.1	4.6	5.3	6.1	4.8	5.4
SECRETARIAL STUDIES............		0.0	6.7	3.3	0.0	3.6	2.1	0.0	3.6	2.1
OTHER BUSINESS..................		1.9	1.0	1.4	1.4	1.7	1.6	1.5	1.9	1.7
EDUCATION										
BUSINESS EDUCATION..............		0.0	1.0	0.5	0.3	0.3	0.3	0.3	0.4	0.3
ELEMENTARY EDUCATION............		0.0	12.5	6.2	0.6	10.1	6.0	0.6	10.0	6.0
MUSIC OR ART EDUCATION..........		0.0	1.0	0.5	0.0	0.1	0.1	0.1	0.2	0.1
PHYSICAL EDUCATION OR RECREATION		0.0	0.0	0.0	1.1	0.8	0.9	1.5	0.9	1.1
SECONDARY EDUCATION.............		0.0	1.0	0.5	1.1	2.0	1.6	1.1	2.0	1.6
SPECIAL EDUCATION...............		0.0	0.0	0.0	0.2	1.0	0.7	0.2	1.0	0.6
OTHER EDUCATION.................		0.0	1.0	0.5	0.1	1.7	1.0	0.1	1.6	1.0
ENGINEERING										
AERONAUTICAL/ASTRONAUTICAL ENG..		2.8	0.0	1.4	3.1	0.6	1.7	3.0	0.5	1.6
CIVIL ENGINEERING...............		1.9	1.0	1.4	2.5	0.2	1.2	2.5	0.2	1.2
CHEMICAL ENGINEERING............		0.0	0.0	0.0	0.8	0.3	0.5	0.7	0.2	0.4
ELECTRICAL ENGINEERING..........		1.9	0.0	1.0	7.8	0.6	3.7	7.4	0.6	3.5
INDUSTRIAL ENGINEERING..........		0.9	0.0	0.5	0.4	0.1	0.2	0.5	0.1	0.2
MECHANICAL ENGINEERING..........		2.8	0.0	1.4	4.5	0.1	2.0	4.3	0.1	1.9
OTHER ENGINEERING...............		1.9	0.0	1.0	3.3	0.5	1.7	3.2	0.5	1.7

Cooperative Institutional Research Program
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SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1988)

ACME COLLEGE

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	2YR PUBLIC COLLEGES MALE	FEMALE	TOTAL	ALL 2-YEAR COLLEGES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
PROBABLE MAJOR FIELD OF STUDY										
PHYSICAL SCIENCES										
ASTRONOMY		0.0	1.0	0.5	0.1	0.1	0.1	0.1	0.1	0.1
ATMOSPHERIC SCIENCE		0.0	0.0	0.0	0.4	0.1	0.2	0.3	0.1	0.2
CHEMISTRY		0.9	0.0	0.5	0.5	0.3	0.4	0.4	0.2	0.3
EARTH SCIENCE		0.0	0.0	0.0	0.3	0.1	0.2	0.3	0.1	0.1
MARINE SCIENCE		0.0	1.0	0.5	0.0	0.2	0.1	0.0	0.2	0.1
MATHEMATICS		0.0	0.0	0.0	0.2	0.4	0.3	0.2	0.4	0.3
PHYSICS		0.0	0.0	0.0	0.3	0.0	0.1	0.3	0.0	0.1
STATISTICS		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER PHYSICAL SCIENCES		0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.2	0.2
PROFESSIONAL										
ARCHITECTURE		1.9	0.0	1.0	2.2	0.6	1.3	3.1	0.8	1.8
HOME ECONOMICS		0.0	0.0	0.0	0.4	0.9	0.7	0.3	0.8	0.6
HEALTH TECHNOLOGY		[illegible]	1.9	[illegible]	0.7	2.1	1.5	0.7	2.0	1.4
LIBRARY SCIENCE		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NURSING		[illegible]	[illegible]	1.0	0.6	7.2	4.3	0.5	6.8	4.1
PHARMACY		[illegible]	[illegible]	[illegible]	0.6	0.9	0.7	0.6	0.9	0.7
PREMED,PREDENT,PREVET		[illegible]	1.9	[illegible]	1.0	1.6	1.4	1.0	1.6	1.3
THERAPY		[illegible]	5.8	[illegible]	0.9	2.5	1.8	0.9	2.6	1.9
OTHER PROFESSIONAL		[illegible]	[illegible]	[illegible]	0.9	1.6	1.3	0.9	1.6	1.3
SOCIAL SCIENCES										
ANTHROPOLOGY		[illegible]	[illegible]	[illegible]	0.0	0.1	0.1	0.0	0.1	0.1
ECONOMICS		[illegible]	[illegible]	[illegible]	0.2	0.1	0.1	0.2	0.1	0.1
ETHNIC STUDIES		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0	0.0	0.0	0.0
GEOGRAPHY		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0	0.0	0.0	0.0
POLITICAL SCIENCE		[illegible]	[illegible]	[illegible]	1.3	1.3	1.3	1.3	1.3	1.3
PSYCHOLOGY		[illegible]	[illegible]	[illegible]	1.3	3.8	2.7	1.6	4.1	2.9
SOCIAL WORK		[illegible]	[illegible]	[illegible]	0.4	1.7	1.1	0.3	1.7	1.1
SOCIOLOGY		[illegible]	[illegible]	0.5	0.1	0.5	0.3	0.1	0.5	0.3
WOMEN'S STUDIES		[illegible]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER SOCIAL SCIENCES		[illegible]	[illegible]	0.5	0.2	0.2	0.2	0.1	0.2	0.2
TECHNICAL										
BUILDING TRADES		0.0	0.0	0.0	0.3	0.1	0.1	0.6	0.1	0.3
DATA PROCESSING		3.8	1.0	2.4	2.1	1.8	1.9	2.0	1.6	1.8
DRAFTING OR DESIGN		0.9	0.0	0.5	0.9	0.2	0.5	0.9	0.3	0.5
ELECTRONICS		0.0	0.0	0.0	1.2	0.0	0.5	1.2	0.0	0.5
MECHANICS		0.0	0.0	0.0	0.4	0.0	0.2	0.4	0.0	0.2
OTHER TECHNICAL		1.9	0.0	1.0	0.5	0.6	0.6	0.6	0.6	0.6
OTHER FIELDS										
AGRICULTURE		0.0	0.0	0.0	3.3	2.1	2.6	3.1	1.9	2.4
COMMUNICATIONS		1.9	3.8	2.9	2.5	2.2	2.3	2.4	2.2	2.3
COMPUTER SCIENCE		1.9	1.9	1.9	3.0	1.1	2.0	2.9	1.1	1.8
FORESTRY		0.9	0.0	0.5	2.4	0.2	1.2	2.3	0.2	1.1
LAW ENFORCEMENT		2.8	2.9	2.9	4.0	1.5	2.6	3.8	1.5	2.5
MILITARY SCIENCE		0.0	1.0	0.5	0.3	0.1	0.2	0.3	0.1	0.2
OTHER FIELDS		0.9	2.9	1.9	2.0	1.8	1.9	2.0	2.0	2.0
UNDECIDED		6.6	5.8	6.2	5.0	5.5	5.3	5.0	6.0	5.6

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TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	2YR PUBLIC COLLEGES MALE	FEMALE	TOTAL	ALL 2-YEAR COLLEGES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
PROBABLE CAREER OCCUPATION	206.									
ACCOUNTANT OR ACTUARY		4.6	7.1	5.8	5.6	8.0	6.9	5.3	7.4	6.5
ACTOR OR ENTERTAINER		1.9	4.1	2.9	0.8	0.5	0.6	0.8	0.6	0.7
ARCHITECT		1.9	0.0	1.0	3.6	1.0	2.2	4.7	1.2	2.7
ARTIST		4.6	0.0	2.4	1.3	0.8	1.1	1.5	1.4	1.4
BUSINESS (CLERICAL)		0.0	0.0	0.0	0.4	3.6	2.2	0.4	3.5	2.1
BUSINESS (MANAGEMENT)		16.7	7.1	12.1	12.0	11.7	11.9	12.0	11.6	11.8
BUSINESS OWNER OR PROPRIETOR		4.6	3.1	3.9	6.1	2.9	4.3	6.3	3.1	4.5
BUSINESS SALESPERSON OR BUYER		0.9	2.0	1.5	1.5	1.3	1.4	1.6	1.4	1.5
CLERGY (MINISTER,PRIEST)		0.9	0.0	0.5	0.1	0.0	0.0	0.1	0.0	0.1
CLERGY (OTHER RELIGIOUS)		0.9	0.0	0.5	0.1	0.0	0.1	0.2	0.0	0.1
CLINICAL PSYCHOLOGIST		1.9	7.1	4.4	0.3	1.9	1.2	0.3	1.9	1.2
COLLEGE TEACHER		0.0	2.0	1.0	0.2	0.2	0.2	0.2	0.2	0.2
COMPUTER PROGRAMMER OR ANALYST		2.8	1.0	1.9	5.4	2.5	3.8	5.1	2.3	3.5
CONSERVATIONIST OR FORESTER		0.9	0.0	0.5	3.1	0.4	1.6	2.9	0.3	1.5
DENTIST (INCL ORTHODONTIST)		2.8	3.1	2.9	0.2	0.4	0.3	0.2	0.4	0.3
DIETITIAN OR HOME ECONOMIST		0.0	1.0	0.5	0.0	0.3	0.2	0.0	0.3	0.2
ENGINEER		10.2	1.0	5.8	20.0	2.3	10.2	19.2	2.1	9.6
FARMER OR RANCHER		0.0	0.0	0.0	1.5	0.6	1.0	1.4	0.6	0.9
FOREIGN SERVICE WORKER		0.0	1.0	0.5	0.3	0.6	0.5	0.3	0.6	0.4
HOMEMAKER (FULL-TIME)		0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.2	0.1
INTERIOR DECORATOR		0.0	3.1	1.5	0.0	0.5	0.3	0.1	1.0	0.6
INTEPRETER (TRANSLATOR)		0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.1
LAB TECHNICIAN OR HYGIENIST		0.0	0.0	0.0	0.4	0.9	0.7	0.4	0.9	0.7
LAW ENFORCEMENT OFFICER		4.6	0.0	2.4	3.4	0.7	1.9	3.2	0.7	1.8
LAWYER (ATTORNEY) OR JUDGE		7.4	9.2	8.3	3.2	3.5	3.4	3.0	3.4	3.3
MILITARY SERVICE (CAREER)		1.9	1.0	1.5	1.6	0.1	0.8	1.5	0.1	0.7
MUSICIAN (PERFORMER,COMPOSER)		1.9	1.0	1.5	0.8	0.4	0.6	1.0	0.6	0.8
NURSE		0.0	2.0	1.0	0.5	7.2	4.2	0.5	6.7	4.0
OPTOMETRIST		0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2
PHARMACIST		0.0	0.0	0.0	0.6	0.9	0.8	0.6	0.8	0.7
PHYSICIAN		1.9	2.0	1.9	1.4	1.5	1.5	1.4	1.5	1.4
SCHOOL COUNSELOR		0.0	2.0	1.0	0.0	0.3	0.2	0.0	0.3	0.2
SCHOOL PRINCIPAL/SUPERINTENDENT		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCIENTIFIC RESEARCHER		2.8	1.0	1.9	1.8	0.9	1.3	1.7	0.8	1.2
SOCIAL/WELFARE/RECREATION WORKER		0.0	2.0	1.0	0.4	2.6	1.6	0.4	2.6	1.6
STATISTICIAN		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
THERAPIST (PHYS,OCCUP,SPEECH)		2.8	5.1	3.9	0.9	3.2	2.2	1.0	3.2	2.2
TEACHER (ELEMENTARY)		0.0	13.3	6.3	0.9	11.8	7.0	1.0	11.6	6.9
TEACHER (SECONDARY)		3.7	1.0	2.4	1.7	3.4	2.6	1.9	3.3	2.7
VETERINARIAN		0.9	1.0	1.0	0.7	1.2	1.0	0.6	1.2	0.9
WRITER OR JOURNALIST		2.8	2.0	2.4	0.9	1.4	1.2	0.9	1.4	1.2
SKILLED TRADES		0.0	1.0	0.5	1.6	0.4	0.9	1.7	0.4	1.0
OTHER CAREER		6.5	8.2	7.3	7.1	8.3	7.7	7.2	8.6	8.0
UNDECIDED		7.4	5.1	6.3	8.9	11.2	10.1	8.8	11.3	10.2
MILES FROM COLLEGE TO HOME	228.									
5 OR LESS		30.7	34.2	32.5	17.3	17.5	17.4	16.1	16.1	16.1
6-10		33.3	36.0	34.6	18.0	18.0	18.0	16.8	16.5	16.6
11-50		33.3	28.9	31.1	36.5	38.1	37.4	35.2	36.2	35.8
51-100		0.9	0.9	0.9	9.4	10.0	9.7	9.9	10.6	10.3
101-500		0.9	0.0	0.4	16.2	14.4	15.2	17.7	16.1	16.8
MORE THAN 500		0.9	0.0	0.4	2.7	2.0	2.3	4.3	4.5	4.4

TOTAL FIRST-TIME FULL-TIME

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		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
FATHER'S EDUCATION	228.									
GRAMMAR SCHOOL OR LESS...........		1.7	3.5	2.6	5.1	7.6	6.5	5.1	7.3	6.3
SOME HIGH SCHOOL.................		1.7	8.0	4.8	9.7	11.9	10.9	9.6	11.5	10.6
HIGH SCHOOL GRADUATE.............		10.6	23.0	16.7	34.9	37.3	36.3	34.3	36.1	35.3
POSTSECONDARY OTHER THAN COLLEGE		4.3	2.7	3.5	5.3	4.4	4.8	5.2	4.6	4.9
SOME COLLEGE.....................		29.6	24.8	27.2	13.6	13.7	13.7	13.7	13.9	13.8
COLLEGE DEGREE...................		20.9	15.0	18.0	19.5	15.0	17.0	19.8	15.6	17.5
SOME GRADUATE SCHOOL.............		7.0	3.5	5.3	1.5	1.4	1.5	1.5	1.5	1.5
GRADUATE DEGREE..................		24.3	19.5	21.9	10.3	8.6	9.4	10.8	9.5	10.1
FATHER'S OCCUPATION (6)	214.									
ARTIST (INCLUDING PERFORMER)....		1.8	1.0	1.4	0.7	0.8	0.8	0.8	0.8	0.8
BUSINESSMAN......................		36.4	31.7	34.1	27.3	22.7	24.8	28.1	24.3	26.0
CLERGY OR RELIGIOUS WORKER.......		0.9	0.0	0.5	0.4	0.5	0.4	0.5	0.7	0.6
COLLEGE TEACHER OR ADMINISTRATOR		0.0	1.0	0.5	0.3	0.4	0.3	0.3	0.4	0.4
DOCTOR OR DENTIST................		0.9	1.0	0.9	0.7	0.6	0.6	0.8	0.8	0.8
EDUCATION (SECONDARY)............		6.4	2.9	4.7	3.5	3.0	3.2	3.4	2.9	3.1
EDUCATION (ELEMENTARY)...........		0.9	0.0	0.5	1.1	0.5	0.8	1.0	0.6	0.8
ENGINEER.........................		14.5	15.4	15.0	8.5	7.5	7.9	8.4	7.3	7.8
FARMER OR FORESTER...............		1.8	1.0	1.4	2.5	4.5	3.6	2.6	4.5	3.7
HEALTH PROFESSIONAL (NON-M.D.)..		0.0	1.9	0.9	1.1	1.2	1.1	1.2	1.1	1.1
LAWYER...........................		4.5	0.0	2.3	0.8	0.5	0.6	0.8	0.6	0.7
MILITARY (CAREER)................		1.8	2.9	2.3	1.1	1.2	1.2	1.2	1.2	1.2
RESEARCH SCIENTIST...............		0.0	1.0	0.5	0.3	0.2	0.2	0.3	0.2	0.2
SKILLED WORKER...................		3.6	4.8	4.2	14.4	12.2	13.2	14.0	11.8	12.8
SEMI-SKILLED WORKER..............		0.9	4.8	2.8	6.0	5.1	5.5	5.7	4.9	5.2
LABORER (UNSKILLED)..............		0.9	1.0	0.9	3.7	4.4	4.1	3.8	4.2	4.0
UNEMPLOYED.......................		0.0	2.9	1.4	2.4	3.6	3.0	2.3	3.3	2.9
OTHER............................		24.5	26.9	25.7	25.2	31.3	28.6	25.0	30.5	28.1
FATHER'S RELIGIOUS PREFERENCE	211.									
BAPTIST..........................		14.3	10.4	12.3	9.1	10.5	9.9	10.6	12.1	11.4
BUDDHIST.........................		1.0	0.0	0.5	0.5	0.2	0.3	0.5	0.3	0.4
CONGREGATIONAL...................		0.0	0.9	0.5	0.9	0.9	0.9	1.0	1.0	1.0
EASTERN ORTHODOX.................		1.0	0.0	0.5	1.2	0.6	0.9	1.1	0.6	0.8
EPISCOPAL........................		3.8	2.8	3.3	1.5	1.7	1.6	1.6	2.0	1.8
ISLAMIC..........................		0.0	0.0	0.0	0.4	0.3	0.3	0.4	0.3	0.3
JEWISH...........................		4.8	0.9	2.8	3.9	2.6	3.2	3.7	2.8	3.2
LDS (MORMON).....................		1.9	1.9	1.9	0.2	0.2	0.2	0.2	0.2	0.2
LUTHERAN.........................		2.9	1.9	2.4	5.9	5.7	5.8	6.1	6.2	6.2
METHODIST........................		2.9	2.8	2.8	8.1	9.5	8.9	8.2	9.7	9.1
PRESBYTERIAN.....................		5.7	5.7	5.7	4.7	3.6	4.1	4.7	3.9	4.2
QUAKER...........................		0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.1	0.2
ROMAN CATHOLIC...................		29.5	32.1	30.8	44.6	45.4	45.1	42.9	42.6	42.7
SEVENTH-DAY ADVENTIST............		1.0	2.8	1.9	0.5	0.3	0.4	0.5	0.3	0.4
OTHER PROTESTANT.................		6.7	11.3	9.0	6.0	4.4	5.1	5.9	4.3	5.0
OTHER RELIGION...................		4.8	5.7	5.2	4.2	5.8	5.1	4.4	5.9	5.2
NONE.............................		20.0	20.8	20.4	8.3	8.0	8.1	8.0	7.8	7.9

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SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1988)

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME			2YR PUBLIC COLLEGES			ALL 2-YEAR COLLEGES		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
MOTHER'S EDUCATION	228.									
GRAMMAR SCHOOL OR LESS..........		1.8	3.5	2.6	3.8	5.9	5.0	3.8	5.7	4.9
SOME HIGH SCHOOL................		4.4	7.0	5.7	8.4	10.8	9.7	8.2	10.5	9.5
HIGH SCHOOL GRADUATE............		28.9	27.2	28.1	44.3	43.7	44.0	43.3	42.5	42.9
POSTSECONDARY OTHER THAN COLLEGE		6.1	2.6	4.4	8.2	8.2	8.2	8.1	8.3	8.2
SOME COLLEGE....................		26.3	26.3	26.3	12.9	14.0	13.5	13.1	14.6	13.9
COLLEGE DEGREE..................		18.4	20.2	19.3	15.2	11.1	12.9	15.7	11.8	13.5
SOME GRADUATE SCHOOL............		3.5	3.5	3.5	1.5	1.2	1.3	1.6	1.3	1.4
GRADUATE DEGREE.................		10.5	9.6	10.1	5.7	5.0	5.3	6.0	5.5	5.7
MOTHER'S OCCUPATION (6)	221.									
ARTIST (INCLUDING PERFORMER)....		0.9	1.8	1.4	0.8	0.8	0.8	0.9	0.9	0.9
BUSINESSWOMAN...................		17.9	22.9	20.4	13.2	13.0	13.1	13.6	13.5	13.6
BUSINESS (CLERICAL).............		11.6	15.6	13.6	11.3	13.3	12.4	11.1	12.8	12.1
CLERGY OR RELIGIOUS WORKER......		0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1
COLLEGE TEACHER OR ADMINISTRATOR		0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.1	0.2
DOCTOR OR DENTIST...............		0.0	0.0	0.0	0.3	0.2	0.2	0.3	0.2	0.2
EDUCATION (SECONDARY)...........		4.5	2.8	3.6	2.7	1.8	2.2	2.7	2.0	2.3
EDUCATION (ELEMENTARY)..........		10.7	11.0	10.9	4.5	4.4	4.5	4.8	4.6	4.6
ENGINEER........................		1.8	0.9	1.4	0.3	0.1	0.2	0.3	0.1	0.2
FARMER OR FORESTER..............		0.0	0.0	0.0	0.4	0.6	0.5	0.4	0.5	0.5
HEALTH PROFESSIONAL (NON.M.D.)..		0.9	0.9	0.9	1.7	1.5	1.6	1.8	1.6	1.6
HOMEMAKER (FULL-TIME)...........		19.6	14.7	17.2	19.0	21.1	20.2	18.7	20.7	19.8
LAWYER..........................		0.0	0.0	0.0	0.2	0.0	0.1	0.2	0.1	0.1
NURSE...........................		8.9	5.5	7.2	8.3	7.5	7.9	8.3	7.3	7.8
RESEARCH SCIENTIST..............		0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
SOCIAL/WELFARE/RECREATION WORKER		1.8	1.8	1.8	1.3	1.0	1.1	1.3	1.0	1.1
SKILLED WORKER..................		0.0	0.9	0.5	2.8	1.9	2.3	2.8	2.0	2.3
SEMI-SKILLED WORKER.............		0.0	2.8	1.4	3.8	3.1	3.4	3.7	3.0	3.3
LABORER (UNSKILLED).............		0.9	0.0	0.5	2.3	2.1	2.2	2.2	2.0	2.1
UNEMPLOYED......................		4.5	1.8	3.2	7.9	7.1	7.5	7.7	7.1	7.4
OTHER...........................		16.1	16.5	16.3	18.7	20.3	19.6	18.7	20.4	19.7
MOTHER'S RELIGIOUS PREFERENCE	214.									
BAPTIST.........................		14.2	13.9	14.0	9.7	11.0	10.4	11.1	12.6	12.0
BUDDHIST........................		1.9	0.0	0.9	0.6	0.3	0.4	0.6	0.3	0.4
CONGREGATIONAL..................		0.0	1.9	0.9	0.8	1.1	1.0	1.0	1.1	1.1
EASTERN ORTHODOX................		1.9	0.0	0.9	0.8	0.6	0.7	0.8	0.6	0.7
EPISCOPAL.......................		3.8	1.9	2.8	1.7	2.1	1.9	1.8	2.3	2.1
ISLAMIC.........................		0.0	0.0	0.0	0.3	0.2	0.2	0.3	0.2	0.2
JEWISH..........................		5.7	1.9	3.7	3.8	2.9	3.3	3.6	3.0	3.3
LDS (MORMON)....................		1.9	3.7	2.8	0.2	0.2	0.2	0.2	0.2	0.2
LUTHERAN........................		1.9	2.8	2.3	6.3	5.8	6.0	6.4	6.3	6.3
METHODIST.......................		1.9	1.9	1.9	8.6	9.7	9.2	8.7	10.1	9.5
PRESBYTERIAN....................		5.7	8.3	7.0	4.6	3.8	4.1	4.6	4.1	4.3
QUAKER..........................		0.0	0.0	0.0	0.3	0.2	0.2	0.3	0.2	0.2
ROMAN CATHOLIC..................		33.0	31.5	32.2	46.7	46.7	46.7	44.9	43.9	44.3
SEVENTH-DAY ADVENTIST...........		0.9	2.8	1.9	0.4	0.4	0.4	0.4	0.3	0.3
OTHER PROTESTANT................		7.5	12.0	9.8	6.0	4.5	5.2	5.8	4.4	5.0
OTHER RELIGION..................		5.7	6.5	6.1	4.3	6.5	5.5	4.6	6.5	5.7
NONE............................		14.2	11.1	12.6	5.0	4.2	4.5	4.8	3.9	4.3

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	2YR PUBLIC COLLEGES MALE	FEMALE	TOTAL	ALL 2-YEAR COLLEGES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
REASONS NOTED AS VERY IMPORTANT IN DECIDING TO GO TO COLLEGE										
BECOME A MORE CULTURED PERSON...	229.	22.4	31.9	27.1	25.3	35.9	31.2	25.7	36.4	31.7
COULD NOT FIND A JOB............	227.	2.6	3.6	3.1	4.3	5.6	5.0	4.4	5.2	4.8
GAIN GENERAL EDUCATION..........	229.	50.9	61.9	56.3	51.5	63.6	58.2	52.0	63.7	58.6
GET A BETTER JOB................	230.	85.3	84.2	84.8	86.2	86.1	86.1	86.0	85.7	85.8
IMPROVE READING AND STUDY SKILLS	230.	29.3	43.0	36.1	37.2	45.5	41.8	37.9	45.9	42.4
LEARN MORE ABOUT THINGS.........	230.	62.9	75.4	69.1	67.8	75.8	72.2	68.2	76.1	72.6
MAKE MORE MONEY.................	226.	74.6	75.9	75.2	80.5	75.2	77.5	80.5	74.7	77.2
NOTHING BETTER TO DO............	223.	3.6	1.8	2.7	4.3	3.4	3.8	4.2	3.3	3.7
PARENTS WANTED ME TO GO.........	229.	19.8	21.2	20.5	17.7	18.7	18.2	17.9	19.2	18.6
PREPARE FOR GRADUATE SCHOOL.....	229.	55.7	71.9	63.8	41.2	50.7	46.5	42.2	51.7	47.5
WANTED TO GET AWAY FROM HOME....	225.	3.5	9.8	6.7	8.1	8.1	8.1	8.6	8.6	8.6
REASONS NOTED AS VERY IMPORTANT IN SELECTING THIS COLLEGE										
ADVICE OF GUIDANCE COUNSELOR....	217.	3.7	10.1	6.9	7.7	8.9	8.3	8.1	9.2	8.7
ADVICE OF TEACHER...............	221.	1.8	2.7	2.3	4.1	4.5	4.3	4.3	4.7	4.8
FRIEND SUGGESTED ATTENDING......	217.	4.6	9.2	6.9	8.1	8.8	8.5	8.4	9.2	8.9
GOOD ACADEMIC REPUTATION........	219.	13.0	21.6	17.4	47.5	49.3	48.5	47.3	49.3	48.8
GOOD SOCIAL REPUTATION..........	220.	5.5	4.5	5.0	18.6	18.8	18.7	18.6	19.3	19.0
GRADUATES GET GOOD JOBS (7).....	216.	13.1	11.0	12.0	34.7	33.0	33.7	34.6	32.4	33.4
LOW TUITION.....................	218.	54.6	46.4	50.5	26.8	29.7	28.4	26.0	27.1	26.1
NOT OFFERED AID BY FIRST CHOICE.	218.	2.8	5.5	4.1	3.9	3.9	3.9	4.0	3.8	3.9
OFFERED FINANCIAL ASSISTANCE....	217.	2.8	2.8	2.8	12.1	19.7	16.4	13.3	20.8	17.5
OFFERS SPECIAL PROGRAMS.........	221.	4.5	2.7	3.6	17.1	23.5	20.7	17.8	24.2	21.4
RECRUITED BY ATHLETIC DEPARTMENT	218.	6.4	0.9	3.7	2.7	2.1	2.4	3.7	2.4	3.0
RECRUITED BY COLLEGE REP........	218.	2.8	0.9	1.8	2.7	2.4	2.5	3.2	3.1	3.2
RELATIVES WANTED ME TO COME.....	222.	5.4	10.8	8.1	6.7	8.9	7.9	6.8	8.8	7.9
WANTED TO LIVE NEAR HOME........	220.	28.4	40.5	34.5	23.1	31.2	27.6	21.9	29.7	26.3
RESIDENCE PREFERRED DURING FALL TERM	177.									
WITH PARENTS OR RELATIVES.......		22.0	22.1	22.0	29.8	27.2	28.4	28.0	25.3	26.5
OTHER PRIVATE HOME,APT,ROOM.....		53.8	53.5	53.7	35.3	38.7	37.1	35.1	37.8	36.6
COLLEGE DORMITORY...............		9.9	18.6	14.1	22.1	23.1	22.6	23.3	25.4	24.4
FRATERNITY OR SORORITY HOUSE....		9.9	2.3	6.2	5.9	4.3	5.0	6.4	4.7	5.5
OTHER CAMPUS HOUSING............		3.3	1.2	2.3	4.0	4.1	4.0	4.2	4.2	4.2
OTHER...........................		1.1	2.3	1.7	2.9	2.7	2.8	2.9	2.6	2.8
RESIDENCE PLANNED DURING FALL TERM	211.									
WITH PARENTS OR RELATIVES.......		86.8	86.7	86.7	62.1	60.5	61.2	58.4	55.3	56.7
OTHER PRIVATE HOME,APT,ROOM.....		6.6	10.5	8.5	14.2	13.8	14.0	13.1	12.4	12.7
COLLEGE DORMITORY...............		2.8	1.0	1.9	19.7	22.5	21.1	24.6	29.2	27.2
FRATERNITY OR SORORITY HOUSE....		1.9	1.0	1.4	0.4	0.1	0.2	0.4	0.1	0.3
OTHER CAMPUS HOUSING............		0.9	1.0	0.9	2.6	1.8	2.2	2.6	1.8	2.1
OTHER...........................		0.9	0.0	0.5	1.0	1.3	1.2	0.9	1.2	1.1

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ACME COLLEGE

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME			2YR PUBLIC COLLEGES			ALL 2-YEAR COLLEGES		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
SOURCES FOR EDUCATIONAL EXPENSES										
RECEIVED ANY AID FROM										
PARENTS OR FAMILY................	231.	73.3	74.8	74.0	67.4	65.2	66.2	68.9	67.4	68.0
SPOUSE..........................	231.	1.7	0.9	1.3	1.4	2.3	1.9	1.4	2.2	1.8
SAVINGS FROM SUMMER WORK.........	231.	49.1	41.7	45.5	50.4	42.8	46.2	50.7	43.4	46.6
OTHER SAVINGS....................	231.	25.9	28.7	27.3	24.2	22.9	23.5	24.3	23.2	23.7
PART-TIME JOB ON CAMPUS..........	231.	7.8	5.2	6.5	10.1	11.3	10.8	11.2	12.9	12.2
OTHER PART-TIME JOB WHILE AT COL	231.	50.0	58.3	54.1	29.4	29.9	29.7	28.8	28.8	28.8
FULL-TIME JOB WHILE AT COLLEGE..	231.	9.5	7.8	8.7	3.1	3.0	3.0	3.0	2.8	2.9
PELL GRANT.......................	231.	4.3	3.5	3.9	13.0	17.4	15.4	13.7	17.9	16.0
SUPP EDUCATIONAL OPPTY GRANT....	231.	0.9	0.0	0.4	2.7	2.4	2.5	2.9	2.8	2.8
STATE SCHOLARSHIP OR GRANT......	231.	3.4	1.7	2.6	5.8	5.5	5.6	6.6	6.9	6.8
COLLEGE WORK-STUDY GRANT........	231.	0.9	0.9	0.9	3.2	3.4	3.3	3.5	4.1	3.8
OTHER COLLEGE GRANT.............	231.	5.2	7.8	6.5	8.5	11.2	10.0	9.8	13.1	11.7
OTHER PRIVATE GRANT.............	231.	4.3	6.1	5.2	5.7	5.3	5.5	6.2	5.9	6.0
OTHER GOVT AID (ROTC,BIA,GI,ETC)	231.	2.6	0.0	1.3	3.3	1.3	2.2	3.1	1.3	2.1
FEDERAL GUARANTEED STUDENT LOAN.	231.	5.2	1.7	3.5	17.6	18.3	18.0	18.4	19.2	18.8
NATIONAL DIRECT STUDENT LOAN....	231.	0.9	0.0	0.4	1.9	1.4	1.6	2.0	1.6	1.8
OTHER COLLEGE LOAN..............	231.	0.9	1.7	1.3	5.3	3.5	4.3	5.6	4.0	4.7
OTHER LOAN......................	231.	0.0	0.0	0.0	4.6	4.5	4.5	4.9	4.8	4.8
OTHER...........................	231.	0.9	0.9	0.9	2.5	2.5	2.5	2.6	2.6	2.6
RECEIVED $1,500 OR MORE FROM										
PARENTS OR FAMILY................	231.	12.9	13.0	13.0	37.0	31.2	33.8	39.2	34.8	36.8
SPOUSE..........................	231.	0.9	0.0	0.4	0.3	0.4	0.4	0.4	0.4	0.4
SAVINGS FROM SUMMER WORK.........	231.	3.4	0.9	2.2	6.6	2.9	4.6	7.1	3.1	4.9
OTHER SAVINGS....................	231.	5.2	2.6	3.9	4.1	2.7	3.3	4.3	2.7	3.4
PART-TIME JOB ON CAMPUS..........	231.	0.0	0.0	0.0	0.3	0.2	0.3	0.4	0.3	0.3
OTHER PART-TIME JOB WHILE AT COL	231.	6.0	2.6	4.3	2.0	1.3	1.6	2.0	1.3	1.6
FULL-TIME JOB WHILE AT COLLEGE..	231.	3.4	0.9	2.2	0.9	0.5	0.7	0.9	0.4	0.6
PELL GRANT.......................	231.	0.9	0.0	0.4	1.6	1.9	1.7	1.8	2.1	2.0
SUPP EDUCATIONAL OPPTY GRANT....	231.	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
STATE SCHOLARSHIP OR GRANT......	231.	0.9	0.0	0.4	0.5	0.4	0.4	0.7	0.5	0.6
COLLEGE WORK-STUDY GRANT........	231.	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2
OTHER COLLEGE GRANT.............	231.	1.7	1.7	1.7	1.4	1.4	1.4	1.9	2.2	2.1
OTHER PRIVATE GRANT.............	231.	0.0	0.9	0.4	1.2	0.7	0.9	1.3	0.9	1.0
OTHER GOVT AID (ROTC,BIA,GI,ETC)	231.	0.9	0.0	0.4	1.5	0.5	1.0	1.5	0.5	0.9
FEDERAL GUARANTEED STUDENT LOAN.	231.	2.6	0.0	1.3	6.0	6.1	6.1	6.5	6.3	6.3
NATIONAL DIRECT STUDENT LOAN....	231.	0.0	0.0	0.0	0.5	0.2	0.3	0.5	0.2	0.4
OTHER COLLEGE LOAN..............	231.	0.0	0.9	0.4	2.0	1.0	1.4	2.0	1.3	1.6
OTHER LOAN......................	231.	0.0	0.0	0.0	2.1	1.5	1.7	2.2	1.7	2.0
OTHER...........................	231.	0.0	0.0	0.0	0.9	0.7	0.8	1.0	0.8	0.9
CONCERN ABOUT FINANCING COLLEGE	228.									
NO CONCERN......................		44.0	47.3	45.6	41.2	31.0	35.5	41.5	32.1	36.2
SOME CONCERN....................		44.0	33.9	39.0	47.0	52.5	50.0	46.6	51.6	49.4
MAJOR CONCERN...................		12.1	18.8	15.4	11.9	16.6	14.5	11.9	16.3	14.6

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ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME			2YR PUBLIC COLLEGES			ALL 2-YEAR COLLEGES		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
STUDENTS ESTIMATE CHANCES ARE VERY GOOD THAT THEY WILL										
BE ELECTED TO AN HONOR SOCIETY..	217.	3.7	6.4	5.1	5.3	4.3	4.8	5.2	4.5	4.8
BE ELECTED TO STUDENT OFFICE....	216.	2.8	2.7	2.8	3.2	2.7	2.9	3.2	2.9	3.0
BE SATISFIED WITH COLLEGE.......	212.	25.7	43.9	34.9	40.9	51.2	46.6	40.9	51.4	46.8
CHANGE CAREER CHOICE............	220.	11.0	18.0	14.5	8.7	10.3	9.6	8.6	10.6	9.8
CHANGE MAJOR FIELD..............	220.	11.9	14.4	13.2	11.5	11.4	11.4	11.2	11.6	11.4
DROP OUT PERMANENTLY............	214.	1.9	1.9	1.9	1.5	1.0	1.2	1.4	1.0	1.2
DROP OUT TEMPORARILY............	217.	0.9	1.8	1.4	1.4	1.2	1.3	1.4	1.2	1.3
FAIL ONE OR MORE COURSES........	220.	1.8	4.5	3.2	1.8	1.5	1.6	1.7	1.4	1.6
FIND JOB IN OWN FIELD...........	213.	63.8	71.3	67.6	65.8	73.6	70.2	65.7	73.0	69.8
GET BACHELOR'S DEGREE...........	218.	69.4	75.8	72.5	59.4	59.4	59.4	58.9	58.9	58.9
GET JOB TO PAY COLLEGE EXPENSES.	218.	42.6	48.2	45.4	31.8	38.0	35.2	30.9	36.5	34.1
GET TUTORING IN SOME COURSES....	215.	6.7	27.3	17.2	8.8	13.1	11.2	9.3	14.1	12.0
GRADUATE WITH HONORS............	218.	7.4	7.3	7.3	10.5	8.3	9.3	10.5	8.3	9.2
JOIN SOCIAL FRAT OR SORORITY....	217.	12.1	12.7	12.4	10.3	12.2	11.4	10.4	12.9	11.8
MAKE AT LEAST "B" AVERAGE.......	218.	39.8	43.6	41.7	37.2	38.8	38.1	36.2	37.9	37.1
MARRY WHILE IN COLLEGE..........	213.	5.8	10.0	8.0	3.1	6.7	5.1	3.1	6.5	5.0
MARRY WITHIN A YEAR AFTER COLL..	215.	21.0	21.8	21.4	11.1	19.4	15.7	11.2	19.5	15.9
NEED EXTRA TIME FOR DEGREE......	215.	17.9	18.3	18.1	5.9	7.1	6.6	5.9	7.4	6.8
PARTICIPATE IN STUDENT PROTESTS.	217.	8.3	6.4	7.4	3.3	3.8	3.5	3.3	3.9	3.6
PLAY VARSITY ATHLETICS..........	215.	14.0	9.3	11.8	14.9	8.7	11.4	16.4	9.6	12.6
SEEK INDIVIDUAL COUNSELING......	213.	4.8	4.6	4.7	2.7	4.2	3.6	2.8	4.4	3.7
SEEK VOCATIONAL COUNSELING......	217.	4.7	10.0	7.4	3.4	4.4	3.9	3.4	4.4	3.9
TRANSFER TO ANOTHER COLLEGE.....	216.	52.8	47.3	50.0	16.5	18.5	17.6	16.6	18.6	17.7
WORK AT OUTSIDE JOB.............	214.	44.8	49.6	47.2	21.1	29.3	25.6	20.3	27.7	24.4
WORK FULL-TIME WHILE ATTENDING..	216.	15.0	15.6	15.3	5.5	5.5	5.5	5.1	5.1	5.1
OBJECTIVES CONSIDERED TO BE ESSENTIAL OR VERY IMPORTANT (7)										
ACHIEVE IN A PERFORMING ART.....	219.	9.3	9.8	9.6	8.2	9.1	8.7	8.4	9.5	9.0
BE AUTHORITY IN MY FIELD........	219.	78.5	68.9	73.5	71.3	67.3	69.1	71.6	67.5	69.3
BE EXPERT ON FINANCE/COMMERCE...	218.	39.3	22.6	31.2	30.7	22.9	26.3	30.8	22.6	26.2
BE SUCCESSFUL IN OWN BUSINESS...	217.	58.9	44.5	51.6	58.1	51.2	54.2	59.1	51.9	55.0
BE VERY WELL OFF FINANCIALLY....	220.	80.6	70.9	75.5	80.0	73.5	76.3	79.8	73.3	76.1
CREATE ARTISTIC WORK............	217.	12.3	9.0	10.6	11.3	11.3	11.3	11.7	12.5	12.2
DEVELOP PHILOSOPHY OF LIFE......	216.	49.1	51.8	50.5	42.4	46.1	44.4	43.3	46.7	45.2
GET MARRIED.....................	220.	70.4	69.6	70.0	63.3	66.1	64.9	63.6	66.5	65.2
HAVE ADMIN RESPONSIBILITY.......	215.	45.7	30.9	38.1	41.5	38.4	39.8	41.5	38.0	39.5
HELP OTHERS IN DIFFICULTY.......	215.	56.6	67.0	61.9	42.0	62.9	53.7	42.7	63.4	54.4
INFLUENCE POLITICAL STRUCTURE...	219.	28.0	13.4	20.5	16.0	11.2	13.3	16.0	11.4	13.4
INFLUENCE SOCIAL VALUES.........	217.	41.1	40.9	41.0	27.7	36.6	32.7	28.6	37.4	33.6
JOIN ORG LIKE PEACE CORPS/VISTA.	217.	5.7	3.6	4.6	5.7	6.4	6.1	6.0	6.7	6.4
KEEP UP TO DATE WITH POLITICS...	217.	49.1	36.9	42.9	29.5	20.2	24.3	29.5	20.7	24.8
OBTAIN RECOG FROM COLLEAGUES....	219.	61.7	49.1	55.3	53.6	50.7	52.0	53.9	50.5	52.0
PARTICIPATE IN COMMUNITY ACTION.	216.	12.4	21.6	17.1	16.3	19.3	18.0	16.7	20.1	18.6
PROMOTE RACIAL UNDERSTANDING....	218.	28.0	31.5	29.8	23.9	28.4	26.4	24.7	28.8	27.0
RAISE A FAMILY..................	218.	72.6	66.1	69.3	64.2	67.6	66.1	64.6	67.4	66.2
THEORETICAL CONTRIB TO SCIENCE..	217.	14.2	3.6	8.8	14.9	7.5	10.8	14.5	7.3	10.4
WRITE ORIGINAL WORKS............	217.	14.0	11.8	12.9	10.2	10.8	10.5	10.3	11.0	10.7

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	2YR PUBLIC COLLEGES MALE	FEMALE	TOTAL	ALL 2-YEAR COLLEGES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
POLITICAL VIEWS	221.									
FAR LEFT		1.8	0.0	0.9	2.7	2.7	2.7	2.7	2.6	2.7
LIBERAL		17.7	13.0	15.4	17.6	19.2	18.5	17.6	19.5	18.6
MIDDLE OF THE ROAD		42.5	51.9	47.1	56.1	62.6	59.7	56.0	62.1	59.4
CONSERVATIVE		34.5	33.3	33.9	20.8	14.6	17.4	21.0	14.9	17.6
FAR RIGHT		3.5	1.9	2.7	2.8	0.9	1.8	2.7	0.9	1.7
AGREED STRONGLY OR SOMEWHAT										
ABOLISH DEATH PENALTY	217.	13.8	13.0	13.4	18.5	24.1	21.6	18.8	24.5	22.0
ABORTION SHOULD BE LEGALIZED	215.	66.7	63.6	65.1	51.9	53.2	52.6	52.4	53.2	52.8
BUSING OK TO ACHIEVE BALANCE	212.	46.2	38.9	42.5	53.7	55.9	54.9	53.9	56.3	55.3
COLL APPRECIATED IF COST HIGHER.	217.	45.8	40.9	43.3	55.2	48.8	51.7	55.5	49.4	52.1
COLLEGE INCREASES EARNING POWER.	210.	76.9	67.0	71.9	79.2	72.3	75.4	79.0	71.7	74.9
CONTRO. AIDS BY MANDATORY TESTS.	214.	63.2	62.0	62.6	73.1	73.2	73.2	73.0	73.1	73.1
EMPLOYERS CAN REQUIRE DRUG TESTS	214.	70.8	71.3	71.0	71.5	73.1	72.4	71.0	73.0	72.1
GOVT NOT CONTROLLING POLLUTION	216.	89.7	88.1	88.9	82.6	84.4	83.6	82.5	84.3	83.5
GOVT NOT PROMOTING DISARMAMENT	213.	39.6	57.0	48.4	56.2	73.9	65.9	56.6	73.5	66.0
GOVT NOT PROTECTING CONSUMER	219.	58.3	62.2	60.3	65.3	72.0	69.0	65.1	71.7	68.8
INCREASE FED MILITARY SPENDING	212.	43.9	31.4	37.7	36.7	24.8	30.2	36.4	25.1	30.1
LIVE TOGETHER BEFORE MARRIAGE	213.	58.3	46.4	52.1	58.0	49.2	53.1	58.0	48.3	52.5
MAN NOT ENTITLED TO SEX ON DATE.	215.	83.2	89.8	86.5	72.0	87.1	80.4	72.0	87.3	80.7
MARIJUANA SHOULD BE LEGALIZED	219.	24.1	16.2	20.1	21.0	15.6	18.0	21.4	15.8	18.3
NO ENDOW INVESTMENT IN S AFRICA.	207.	54.4	34.6	44.4	48.3	36.3	41.7	48.1	36.1	41.4
NUCLEAR DISARMAMENT ATTAINABLE	208.	57.0	47.5	52.4	60.2	58.8	59.5	60.5	58.7	59.5
ONLY VOLUNTEERS IN ARMED SERVICE	214.	60.7	55.1	57.9	52.3	53.6	53.0	52.4	53.6	53.1
PROHIBIT HOMOSEXUAL RELATIONS	216.	57.9	36.7	47.2	65.0	44.9	53.9	65.4	45.5	54.3
RAISE TAXES TO REDUCE DEFICIT	213.	43.9	21.7	32.8	28.0	20.0	23.6	28.0	19.9	23.5
SEX OK IF PEOPLE LIKE EACH OTHER	216.	57.0	41.3	49.1	66.5	38.6	51.0	66.1	38.0	50.3
TOO MUCH CONCERN FOR CRIMINALS	216.	76.9	70.4	73.6	75.3	67.6	71.1	74.9	66.9	70.4
WOMEN'S ACTIVITIES BEST IN HOME.	217.	31.8	20.0	25.8	37.7	24.7	30.5	37.9	24.6	30.5
PERMISSION TO USE STUDENT I.D.	105.									
YES		61.4	58.3	60.0	72.7	73.0	72.8	73.3	73.4	73.3
NO		38.6	41.7	40.0	27.3	27.0	27.2	26.7	26.6	26.7
QUESTION #41	173.									
A		70.9	65.5	68.2						
B		1.2	2.3	1.7						
C		27.9	32.2	30.1						
D		0.0	0.0	0.0						
E		0.0	0.0	0.0						
QUESTION #42	172.									
A		77.6	77.0	77.3						
B		12.9	11.5	12.2						
C		4.7	5.7	5.2						
D		1.2	3.4	2.3						
E		3.5	2.3	2.9						

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME			2YR PUBLIC COLLEGES			ALL 2-YEAR COLLEGES		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
QUESTION #43	172.									
A..................................		1.2	1.2	1.2						
B..................................		0.0	0.0	0.0						
C..................................		4.7	5.8	5.2						
D..................................		39.5	31.4	35.5						
E..................................		54.7	61.6	58.1						
QUESTION #44	172.									
A..................................		74.1	74.7	74.4						
B..................................		17.6	10.3	14.0						
C..................................		4.7	10.3	7.6						
D..................................		2.4	3.4	2.9						
E..................................		1.2	1.1	1.2						
QUESTION #45	173.									
A..................................		9.3	9.2	9.2						
B..................................		68.6	54.0	61.3						
C..................................		22.1	26.4	24.3						
D..................................		0.0	8.0	4.0						
E..................................		0.0	2.3	1.2						
QUESTION #46	173.									
A..................................		17.4	11.5	14.5						
B..................................		57.0	51.7	54.3						
C..................................		22.1	25.3	23.7						
D..................................		3.5	11.5	7.5						
E..................................		0.0	0.0	0.0						
QUESTION #47	169.									
A..................................		22.4	19.0	20.7						
B..................................		29.4	32.1	30.8						
C..................................		31.8	36.9	34.3						
D..................................		12.9	8.3	10.7						
E..................................		3.5	3.6	3.6						
QUESTION #48	170.									
A..................................		5.9	3.5	4.7						
B..................................		37.6	31.8	34.7						
C..................................		43.5	41.2	42.4						
D..................................		11.8	20.0	15.9						
E..................................		1.2	3.5	2.4						
QUESTION #49	170.									
A..................................		17.6	18.8	18.2						
B..................................		48.2	35.3	41.8						
C..................................		32.9	36.5	34.7						
D..................................		1.2	7.1	4.1						
E..................................		0.0	2.4	1.2						

Cooperative Institutional Research Program
conducted jointly by the
American Council on Education and the University of California, Los Angeles
SUMMARY OF DATA ON ENTERING FRESHMEN FOR FALL (1988)

ACME COLLEGE

TOTAL FIRST-TIME FULL-TIME

ITEM DESCRIPTION	NUMBER OF RESPONDENTS	TOTAL FIRST-TIME FULL-TIME MALE	FEMALE	TOTAL	2YR PUBLIC COLLEGES MALE	FEMALE	TOTAL	ALL 2-YEAR COLLEGES MALE	FEMALE	TOTAL
		(PERCENTAGES)			(PERCENTAGES)			(PERCENTAGES)		
QUESTION 050	170.									
A..................................		16.5	4.7	10.6						
B..................................		35.3	30.6	32.9						
C..................................		42.4	40.0	41.2						
D..................................		5.9	17.6	11.8						
E..................................		0.0	7.1	3.5						

(*) TOTAL NUMBER OF VALID FORMS RECEIVED IS INDICATED BY THE FIRST NUMBER IN THIS ROW. PLEASE NOTE THAT COMPARISONS BETWEEN YOUR CONSORTIUM DATA AND NATIONAL NORMS SHOULD BE MADE WITH CAUTION, UNLESS ALL INSITUTIONS IN THE CONSORTIUM ARE IN THE SAME NORMS GROUP AND HAVE REPRESENTATIVE SAMPLES.

(**) THIS ITEM IS REPORTED FOR THE FIRST TIME IN 1988. ITEMS NOT INDICATED WITH "**" ARE REPEATED OR MODIFIED QUESTIONS FROM ONE OR MORE OF THE EARLIER SURVEYS.

(1) PERCENTAGES WILL SUM TO MORE THAN 100 IF ANY STUDENTS CHECKED MORE THAN ONE CATEGORY.

(2) BECAUSE NO BLACK TWO-YEAR COLLEGES PARTICIPATED IN 1988, THE ASSOCIATED BLACK ENROLLMENT IS DEFLATED IN TWO-YEAR COLLEGE NORMS AND INFLATED IN FOUR-YEAR COLLEGE NORMS.

(3) BASED ON THE CURRICULUM RECOMMENDATIONS OF THE NATIONAL COMMISSION ON EXCELLENCE IN EDUCATION.

(4) FREQUENTLY ONLY, ALL OTHER ITEMS FREQUENTLY PLUS OCCASIONALLY.

(5) STUDENTS WHO APPLIED TO NO OTHER COLLEGE ARE NOT INCLUDED IN THIS ITEM.

(6) RECATEGORIZATION OF THIS ITEM FROM A LONGER LIST IS SHOWN IN APPENDIX C OF THE AMERICAN FRESHMAN

(7) COMPARISONS WITH PREVIOUS YEARS NOT RECOMMENDED DUE TO CHANGE IN ITEM ORDER. SEE APPENDIX G OF THE AMERICAN FRESHMAN FOR MORE DETAILS.

Appendix G

Comparing Survey Results From Various Versions of the Norms

Comparing Survey Results From Various Versions of the Norms

Note no. 7 in the National Norms report for 1988 states that "comparisons with previous years [are] not recommended due to change in item order." This note was included as a result of some startling (and improbable) changes in the results for certain survey items between 1987 and 1988.

In preparing the 1988 norms report (CIRP), the staff of the Cooperative Institutional Research Program compares the current year results with previous year data. Because of the large sample sizes involved, it is very unusual for the response for any given survey item to change more than two or three percentage points from one year to the next. Any change larger than this range is examined very closely under the presumption that it might be caused by a processing, coding, or survey form scanning error.

In 1988 the CIRP staff discovered that the response for one of the most often-reported items in the survey — the student objective of "develop a meaningful philosophy of life" — jumped from 39.4 percent in 1987 to 50.5 percent in 1988. When it became clear that several other student objectives either exhibited large changes or reversals in long-term trends, the CIRP staff conducted exhaustive analysis of all computer programs and scanner programs to find the source of the error. No errors were found.

The true explanation of these discrepancies emerged from an analysis of the order of student objective items used in the 1988 survey. From the beginning of the CIRP in 1966 to the mid-1980's, the item order for the student objectives question was very consistent. Items were added or removed from the list only occasionally, and item sequence was virtually identical from year to year. In 1988, certain items that had been dropped from the list were reinstated, one was dropped, and the order of all items after the first five were accordingly changed. These changes in sequence explained virtually every discrepancy in the 1988 results.

In the case of the goal "to develop a meaningful philosophy of life," the discrepancy appeared to be caused by the item which preceded it. From 1971 to 1987, the preceding item was "become involved in programs to clean up the environment." When this item was dropped in 1988, the preceding question became "be successful in my own business." The environment item, particularly in the 1980's, was considered to be a very important objective by barely one-quarter or less of the freshmen. The business item, on the other hand, was considered very important by 45-50 percent of the freshmen. Apparently, the respondents were predisposed by their response to the environment item when considering their response to the "philosophy of life" item.

This phenomenon is not unknown to survey researchers. What was surprising about this instance of order effect was the magnitude. The CIRP staff believes that it is the nature of the question, which is highly speculative and may well contain items not previously considered by entering freshmen, that allows the effect of the preceding item to assume such importance. In an item dealing with issues of fact (such as activities in the previous year), the order effect would very probably be negligible in comparison to actual changes in response patterns over the years.

The other item which suffered from this effect in 1988, "graduates get good jobs" (in the question #36, "reasons for choosing this college"), also had a new preceding question. In 1987, the preceding item was "graduates go to top graduate schools." This item was dropped in 1988. Apparently, its very presence "set" respondents to consider the value of their college for the future benefits of attendance, while virtually all other items in the question dealt with already existing reasons for choosing the college (e.g., academic reputation, low tuition). By removing the "top graduate schools" item, the predilection for considering future benefits was reduced, with a corresponding drop in response of some 14 percentage points.

Under these circumstances, one might think it wise to drop these "tainted" items from the 1988 Norms report. The data show, however, that although comparisons between years are not valid, the order effect impacted the responses of students in all types of institutions to about the same degree; therefore, comparisons of the 1988 results of the between norms groups and between institutions and norms groups, are nonetheless valid.

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM

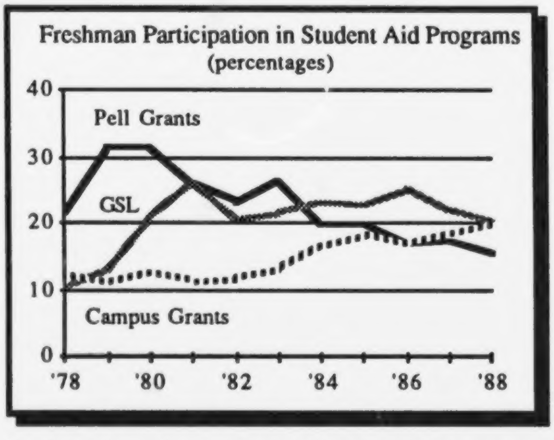
American Council on Education/University of California, Los Angeles

1988 Freshman Survey Results

FRESHMAN PARTICIPATION IN FEDERAL STUDENT AID PROGRAMS CONTINUES TO DECLINE

Freshman participation in all major federal financial aid programs continues to decline, according to the 23rd annual survey of college freshmen conducted jointly by the American Council on Education and UCLA's Higher Education Research Institute. In Fall 1988, only 15.6 percent of the entering students received Pell Grants, the lowest level in the history of the survey program. Between 1980 and 1988, the proportion of entering freshmen receiving Pell Grants, the federal government's major aid program for low- and middle-income students, declined by more than half, from 31.5 to 15.6 percent.

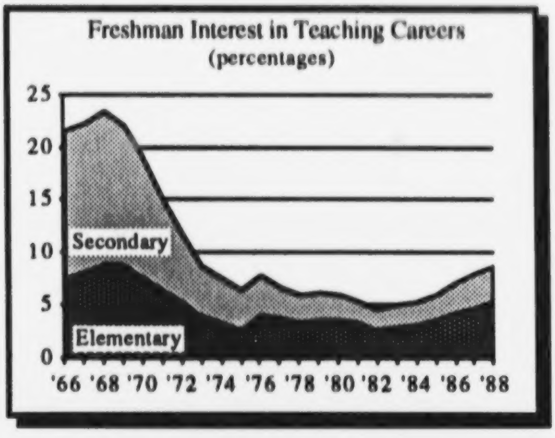
The declining freshman participation in the Pell Grant program has been accompanied by falling participation in other federal student aid programs. Freshman reliance on Supplemental Educational Opportunity Grants (SEOGs) and College Work-Study funds reached all-time lows in 1988. Only 3.7 percent of the freshmen reported receiving SEOG support in 1988, down from 5.8 percent last year and 8.0 percent in 1980. Freshman participation in the Work-Study program dropped more than half in the past eight years to 6.6 percent in 1988, down from 14.5 percent in 1980 and 9.8 percent in 1987.


Freshman Participation in Student Aid Programs
(percentages)

As federal assistance has declined, students are relying more on family contributions, savings, loans, and institutional grants. This past year an all-time high of 78.2 percent of the freshmen were dependent on family support for meeting college costs, up from 76.5 percent in 1987 and 68.8 percent in 1980. Freshman reliance on college grants and scholarships also reached a high of 20.0 percent in 1988, compared to 12.8 percent in 1980.

"These trends suggest that the burden of paying for college is increasingly falling on students, their families and the nation's colleges," says Alexander W. Astin, professor of higher education at UCLA's Graduate School of Education, and director of the survey. "The eligibility requirements for most forms of federal student aid have simply not kept pace with rising college costs and with the inflationary increases in family incomes. Consequently, the federal government has effectively cut back on most of the financial aid programs intended to assist from low- and middle-income families."

Student interest in teaching careers rose again in 1988, continuing a trend that began in 1983. This past year 8.8 percent of the students entering college planned to pursue careers as elementary or secondary school teachers, up from 8.1 percent last year and a low point of 4.7 percent in 1982. The long-term decline in secondary school teaching has been particularly sharp over the past 20 years. Despite these increases, however, the current level of student interest in teaching still falls far short of the projected demand and is well below the level of 23.5 percent reached in 1968.


Freshman Interest in Teaching Careers
(percentages)

After almost two decades of steady gains, freshman interest in business careers declined slightly in 1988 to 23.6 percent, down from 24.6 percent in 1987 and 24.1 percent in 1986. The 1988 numbers, while still well above 1980 levels (19.7 percent) and far ahead of the 1972 levels (10.5 percent), suggest that student interest in business careers may have reached a plateau after the dramatic increases of the 1970s and 1980s.

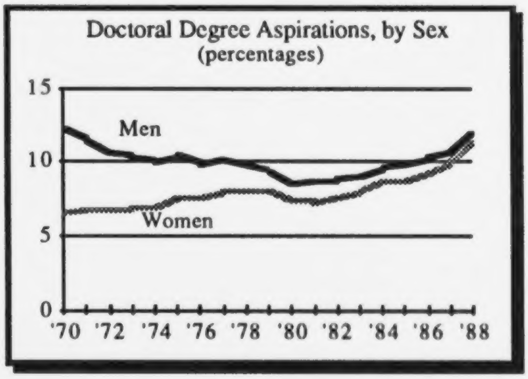
Following several years of decline, the survey points to a modest increase in the proportion of freshman planning to pursue nursing careers. In 1988, 4.4 percent of the freshman women expressed interest in nursing careers, up from 4.0 percent in 1987, but well-below the 8.4 percent recorded in 1983. "This year's increase may mark the beginning of some change in the pipeline in nursing, as more women respond to better job opportunities and improved salaries created by the widely publicized nursing crisis," says Kenneth C. Green, associate director of the survey. Green notes, however, that one year of improvement does not mark an end to the pipeline problem and that nursing must compete with other careers, including medicine, business and teaching, all of which are very attractive to college-bound women.

Freshman interest in science, which has been falling steadily over the last two decades, declined again this past year. Only 5.8 percent of the entering freshmen plan to pursue science majors (biological sciences, physical sciences, or mathematics) in 1988, compared to 6.0 percent in 1987 and 11.5 percent in 1973.

Yet technology careers, in steady decline since 1983, did not drop again in 1988. This past fall, freshman interest in engineering careers increased slightly to 8.6 percent, up from 8.5 percent in 1987 but still well below the 12.0 percent peak in 1982. Similarly, freshman interest in computing careers (as programmers or systems analysts), in sharp decline since 1983, was unchanged from 2.7 percent in 1987, compared to 8.8 percent in 1982. Although the 1988 data suggest an end in the five-year decline in student interest in technology careers, it is too early to determine if the results reflect a real turnaround or just a leveling-off.

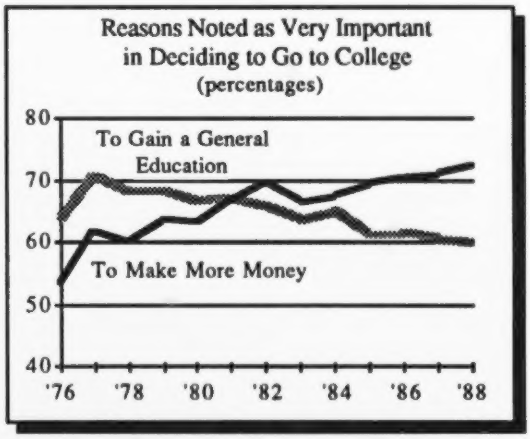
Freshman aspirations for advanced degrees hit all-time highs in 1988. The proportion interested in obtaining a doctoral degree rose to 11.7 percent, up from 10.4 percent in 1987 and 7.9 percent in 1980. Interest in law degrees also reached an all-time high of 5.0 percent, up from 4.2 percent in 1987 and 3.5 percent in 1970. Similarly, freshman aspirations for the master's degree peaked at 36.3 percent in 1988, up from 34.3 percent in 1987 and 27.1 percent in 1974.

Although these gains are notable, they mask the dramatic rise in degree aspirations among women over the past 20 years. Between 1970 and 1988, the proportion of freshman women planning to earn a doctorate increased by two-thirds, from 6.5 percent to 11.4 percent; this compares with an ebb-and-flow-pattern among men, beginning at 12.3 percent in 1970, falling to 8.5 percent in 1980 and rising again to 12.1 percent in 1988.



"These rising degree aspirations suggest that a growing proportion of students feel the bachelor's degree will not be an adequate credential in the job market during the next decade and into the next century," says Green. "Consequently, we see more students thinking about advanced degrees even when they first enter college."

The focus on jobs and money is also reflected in the reasons students provide for attending college. A record 72.6 percent indicated that "making more money" was a very important factor in their decision to attend college, up from 71.3 percent in 1987 and 49.9 percent in 1971. In contrast, going to college "to gain a general education" fell again in 1988 to 60.1 percent, down from 60.7 percent in 1987 and the peak of 70.9 percent in 1977. "These data," says Green, "point to a growing student interest in financial security and job opportunities and a declining tendency to view the college years as a time for learning and personal development."



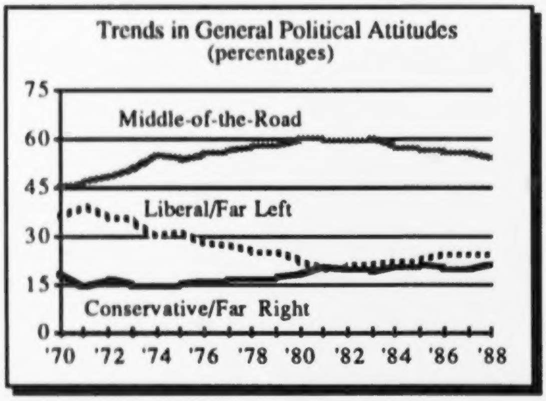
Competition for admission into college seems to be stronger than ever. The proportion of freshmen applying to three or more colleges reached an all-time high in 1988 at 37.1 percent, compared to 33.2 percent in 1987 and only 15.4 percent in 1968. Yet while freshmen are applying to more colleges than in the past, fewer students are enrolling in their first-choice institutions. Only two-thirds (67.9 percent) of the 1988 freshmen are attending their first-choice college, a record low in the history of the survey. The 1988 numbers compare to 70.3 percent in 1987 and 75.6 percent in 1974, the first year this item appeared on the survey.

After years of steady decline, cigarette smoking is increasing among the 1988 freshmen. This fall, 10.1 percent of the entering freshmen reported that they frequently smoked cigarettes, up from a record low of 8.9 percent in 1987. Cigarette smoking had been declining steadily since 1966, when 16.6 percent of the freshmen indicated they were frequent smokers.

The 1988 survey suggests some decline in the overall emotional health of college freshmen. A record number of freshmen reported frequently "feeling depressed" during the past year (10.5 percent, up from 8.3 percent in 1987 and 8.2 percent in 1985) and feeling "overwhelmed by all I have to do" (21.5 percent last fall, compared to 16.4 percent in 1987 and 16.0 percent in 1985). These changes are accompanied by a decline in the proportion of freshmen who feel they they are above average in their emotional health when compared to their peers (56.1 percent in 1988, compared to 56.8 percent in 1987 and 60.3 percent in 1985).

"Various items from the 1988 survey point to rising stress among college freshmen," says Astin. "The increase in smoking, the rising numbers of students who feel depressed and overwhelmed, and the decline in self-assessed emotional health are all indicators of rising stress." He notes that several factors, including student concern about paying for college, the increased interest in advanced degrees, and the expanded competition for admission into selective institutions, are likely contributors to the rising stress levels among students.

The survey reveals some change in self-assessed political identification among 1988 freshmen. One-fourth (24.3 percent) identified their political views as "liberal" or "far left," virtually unchanged from 1987 (at 24.5 percent), slightly ahead of the levels recorded in 1980 (at 21.8 percent), but well below the 38.1 percent peak recorded in 1971. However, the proportion of students who identified their political views as "conservative" or "far right" reached an all-time high in 1988 at 21.7 percent, up from 19.6 percent in 1987, 18.3 percent in 1980 and a low of 14.5 percent in 1973. The middle-of-the-road group, which increased in the 1970s and peaked at three-fifths (60.3 percent) in 1983, has declined in recent years; it now stands at 53.9 percent, reflecting the modest but steady increases among both the liberal and conservative positions.



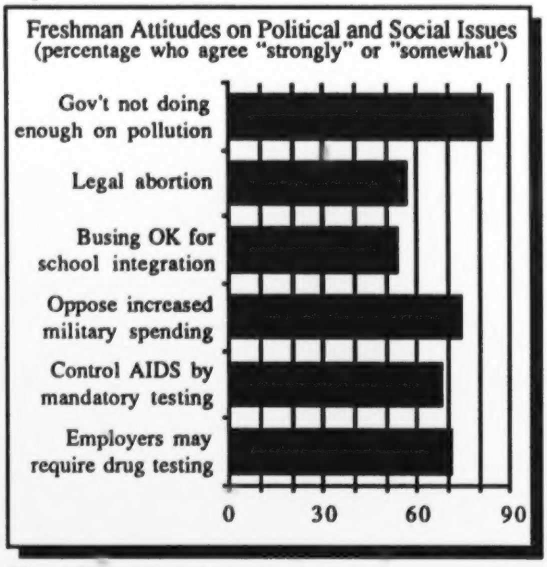
Despite these changes in political labels, most freshmen continue to support traditionally liberal positions on many political and social issues. For example:

- over four-fifths (83.9 percent) of the freshmen agreed that "the federal government is not doing enough to control environmental pollution;"
- more than half (57.0 percent) agreed that abortion should be legal;
- a majority (53.7 percent) agreed that busing is "OK if it helps to achieve racial balance in the schools;" and
- three-fourths (73.7 percent) opposed increased defense spending..

Although some of these items show slightly lower levels of support in 1988 than in the past, the level of freshman endorsement nonetheless remains quite high.

Freshmen are increasingly conservative, however, on matters related to crime and the death penalty. Opposition to the death penalty reached an all-time low in 1988 at 23.0 percent, down from 23.8 percent in 1987 and 32.6 percent in 1978. Similarly, a high of 69.1 percent agreed that "there is too much concern in the courts for the rights of criminals," up from 68.3 percent in 1987, and 48.1 percent in 1970.

Two new questions introduced this past year indicate that freshmen strongly support AIDS and drug testing. Two-thirds (67.7 percent) of the 1988 freshmen agreed that "the best way to control AIDS is through widespread, mandatory testing." And a slightly larger proportion, 71.0 percent, agreed that "employers should be allowed to require drug testing of employees or job applicants." The overwhelming freshman support for conservative positions on these issues stands in stark contrast to the generally strong support for traditionally liberal positions on other social issues.



The 1988 national survey is based on questionnaires completed by 308,007 freshmen entering 585 two- and four-year colleges and universities. Of these, 222,296 questionnaires from 402 institutions were used to compute the 1988 national norms. The normative data presented here have been statistically adjusted to represent the nation's total population of 1.64 million first-time, full-time entering students. Copies of the report, titled *The American Freshman: National Norms for Fall 1988*, are available for $17.00 (postpaid) from the Higher Education Research Institute at UCLA's Graduate School of Education, 405 Hilgard Avenue, Los Angeles, CA 90024-1521.

The Cooperative Institutional Research Program

The Cooperative Institutional Research Program (CIRP) is a national longitudinal study of American higher education. Established in 1966 by the American Council on Education (ACE), the CIRP is now the nation's largest and oldest continuing empirical study of American colleges and college students. Since 1966, some 7 million students, 100,000 faculty, and 1,300 institutions have participated in CIRP surveys.

The annual CIRP survey of entering freshmen is now administered through UCLA's Higher Education Research Institute, under the continuing sponsorship of the American Council on Education.

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(213) 825-1925

THE CIRP SURVEYS

The Cooperative Institutional Research Program (CIRP) and UCLA's Higher Education Research Institute (HERI) will offer a freshman and follow-up survey 1989. These studies, described below, are open to all two- and four-year colleges and universities.

Annual Freshman Survey

The annual American Council on Education/UCLA survey of entering college freshmen is the nation's largest and longest continuing empirical study of higher education. The survey covers an array of demographic, experiential, and attitudinal issues. The questionnaire also covers degree aspirations, major and career plans, and expectations about college. Participating institutions receive a campus profile report, plus national normative data. Institutions can merge their CIRP freshman survey data with other campus data (such as files from the registrar's office) to create a longitudinal data file to assist institutional research, planning efforts, and accreditation studies.

Follow-Up Survey

Designed specifically for institutions participating in the annual CIRP freshman survey, the Follow-Up provides a cost effective and efficient vehicle for campuses to conduct longitudinal studies of entering students. The survey focuses on student experiences during college, and includes items that measure satisfaction with key aspects of the college experience. The questionnaire also repeats several items from the freshman survey, thus providing data to measure change and campus impacts. The follow-up is particularly useful for retention studies, accreditation reports, and self-study assessments.

THE AMERICAN FRESHMAN: TWENTY YEAR TRENDS

This comprehensive report summarizes the first twenty years of the CIRP freshman survey data. Separate sections provide the trend data for men, women, and all students. This report covers a wide range of issues: demographic characteristics, academic ability, student goals and aspirations, preferences for majors and careers, expectations of college, attitudes on political and social issues, and life goal questions.

Included with the report is an analytical essay that summarizes the major changes in the freshman population over the past two decades. Written by Alexander W. Astin and Kenneth C. Green, the essay provides a comprehensive overview of the shifts in academic skills, demographic characteristics, degree aspirations, career preferences, personal goals, political attitudes, and individual values of American college freshmen since 1966. The 21 page essay by Astin and Green includes 18 graphs.

The American Freshman: Twenty Year Trends in an invaluable resource for anyone with an interest in the recent history of American higher education. Available from UCLA's Higher Education Research Institute for $19.00 (4th class postpaid). Contact the Institute for additional information about volume purchases and classroom discounts.

For additional information about these programs and publications, please contact the Higher Education Research Institute at UCLA.

Order Form: *The American Freshman Reports*

Please send me the following CIRP publications:

___ copies *THE AMERICAN FRESHMAN: National Norms for Fall 1988*	$17.00 each
___ copies *THE AMERICAN FRESHMAN: Twenty Year Trends*	$19.00 each

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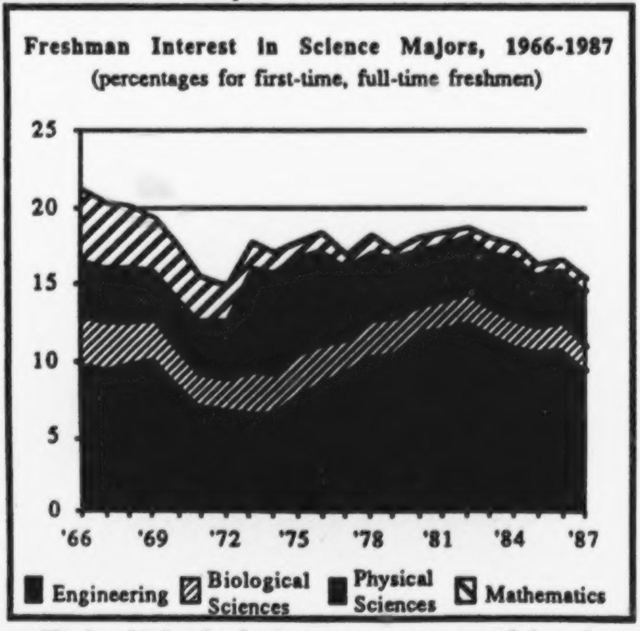
CIRP DATA SHOW DRAMATIC DECLINE IN FRESHMAN INTEREST IN SCIENCE MAJORS AND TECHNOLOGY CAREERS

Freshman interest in science majors has dropped one-third over the past two decades according to data from the American Council on Education-UCLA Cooperative Institutional Research Program (CIRP). The CIRP data show that the proportion of entering freshmen planning to major in biological sciences, engineering, physical sciences, and mathematics fell from 21.3 percent in 1966 to 15.4 percent 1987.

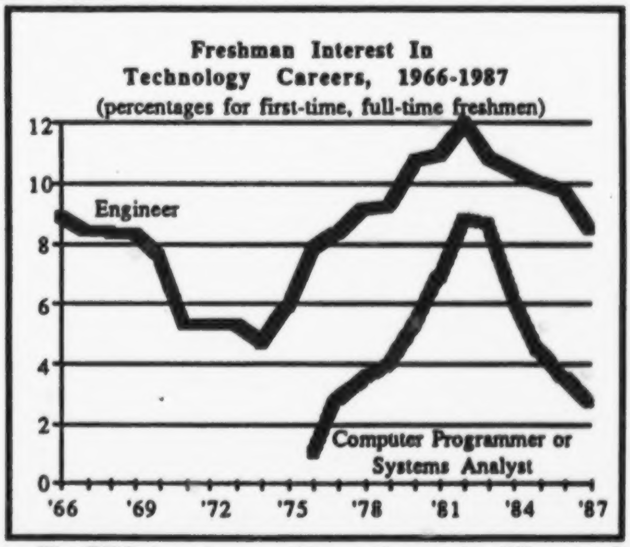


Freshman Interest In Science Majors, 1966-1987

(percentages for first-time, full-time freshmen)

Hardest hit by the freshman movement out of the sciences has been mathematics, where freshman interest fell by more than four-fifths (from 4.5 percent in 1966 to 0.6 percent in 1987). The physical sciences also experienced dramatic declines, falling by more than half (from 3.3 to 1.6 percent) during this same period. Concurrent with the declining interest in science majors has been a recent and significant drop in student interest in technology careers. Freshman interest in engineering careers fell by more than one-fourth (from 12.0 to 8.5 percent) between 1982 and 1987, while freshman preference for computing careers (as a programmer or systems analyst) declined by more than two-thirds during this same period (from 8.8 to 2.7 percent).

"These continuing declines in undergraduate interest in science majors, coupled with the recent, dramatic drop in student interest in technology careers, point to potential supply problems among new entrants in the science-oriented sectors of the labor market," says to Kenneth C. Green, associate director of UCLA's Higher Education Research Institute and associate director of the CIRP effort.



Freshman Interest In Technology Careers, 1966-1987

(percentages for first-time, full-time freshmen)

The CIRP data also reveal interesting gender differences for the 22-year period. The proportion of men planning science majors fell by more than one-fourth during this period, from 31.7 to 22.7 percent. And despite the perception that growing numbers of women are now pursuing science majors and careers, the proportion of freshman women planning science majors actually declined by a tenth between 1966 and 1987, from 9.1 to 8.0 percent. Even though the proportion of freshman women planning engineering majors increased by a factor of 9 during this period (from 0.3 to 2.7 percent), this gain was not enough to offset the overall decline in the proportion of freshman women planning science majors. Particularly hard hit was mathematics, where the proportion of female freshman math majors dropped from 4.5 to 0.6 percent between 1966 and 1987.

Although the overall freshman interest in science majors and related careers has dropped in recent years, the CIRP data indicate that scientific fields attract a disproportionate share of the academically-able students. More than four in ten of the aspiring freshman bioscience, engineering, and physical science (including mathematics) majors report high school grade averages of A or A minus — far higher than the numbers recorded for other disciplines.

The CIRP data have received much public attention recently because they seem to document a growing materialism among college students. In 1987, a record 75.6 percent of the entering freshmen indicated that "being very well off financially" was an essential or very important life goal, nearly double the level recorded in 1970 (39.1 percent). At the same time, the proportion of freshmen indicating that "developing a meaningful philosophy of life" was a very important or essential life goal declined by more than half, from 82.9 percent in 1970 to 39.4 percent in Fall 1987. Concurrent with these shifts in values has been a dramatic decline in student interest in altruistic careers such as teaching and social work and a significant increase in the proportion of freshmen — and especially freshman women — planning business majors and careers.

Yet Green cautions that it is too easy to dismiss this behavior as greed and not recognize the influence of other factors which have influence the values and perspectives of today's students. "We should recognize that the students now on campus . . . are the children of the dramatic economic upheaval of the past decade. They have come of age during the high inflation of the late 1970s, the severe recession of the early 1980s, and the dramatic restructuring of the American economy currently underway." According to Green, today's students are very concerned about an economic future that they view as unstable. Students view the traditional middle-class goals of home ownership, some level of comfort and leisure, and college for one's children to require real wealth and to be increasing out of reach. Like their grandparents who experienced the Great Depression of the 1930's, today's students are very concerned about financial security. Green believes that this concern is reflected in their seemingly "materialistic" values and their choices about college majors and careers.

The annual CIRP freshman surveys are based on the responses of a statistically-adjusted sample of over 200,000 freshmen at nearly 400 two- and four-year colleges and universities across the United States. The normative data reported annually are statistically adjusted to represent the nation's total population of first-time, full-time students. Freshmen are followed-up at regular intervals to assess changes that occur during the undergraduate years.

Copies of the most recent CIRP freshman survey report, *The American Freshman: National Norms for Fall 1987*, are available for $15.00 (postpaid) from UCLA's Higher Education Research Institute. A summary report, *The American Freshman: Twenty Year Trends*, profiling the trends in the freshman data for the first two decades of the CIRP, is also available for $19.00. These reports may be ordered from the Higher Education Research Institute at UCLA's Graduate School of Education, 405 Hilgard Avenue, Los Angeles, CA 90024.

This summary of science trends in the CIRP data was originally presented at a July 1988 briefing session for officials of the National Science Foundation conducted by Kenneth C. Green. NSF reports frequently cite the CIRP data and the Foundation has provided funding to support CIRP activities.

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